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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

UNITED STATES, WORLD

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	43226413	44136589	49675654	71314451	98506330	107652E3	114997E3	120163E3	142532E3	176788E3	216916E3
HIGH TECHNOLOGY GOODS.....	5,607632	5,895449	5,774571	8,030905	11286745	12031085	12814634	13086367	17006491	20570698	16792626
NUCLEAR REACTORS (7117).....	46,480	22,697	45,014	49,442	146,608	166,191	119,355	79,773	130,522	196,718	389,804
CALC MACHINES, COMPUTERS (7142).....	572,915	462,383	466,389	615,298	154,592	104,205	92,987	80,603	91,677	102,512	132,381
STATISTICAL MACHINES(7143)...	100,079	98,482	116,707	116,482	773,834	781,696	853,621	991,183	2,688173	3,441697	4,616405
MACHINE TOOLS FOR METAL (7151).....	310,773	272,268	264,791	356,883	448,809	577,947	553,484	457,598	584,681	684,602	830,541
TELECOMMUNICATIONS EQUIP (7249).....	591,493	587,212	700,116	855,517	1,158554	1,393413	1,757587	1,918834	2,124602	2,389927	2,673283
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	545,407	480,146	636,200	1,077449	1,527331	1,351012	1,785588	1,813853	1,468983	1,898234	2,354688
ELEC AND PROTON ACCELERATORS (7297).....	6,647	13,835	7,591	8,753	7,761	12,995	15,847	11,998	19,770	18,345	26,883
ELECTRICAL MACHINERY, N.E.S. (7299).....	268,762	270,813	312,411	402,897	623,866	709,415	769,229	898,383	1,093197	1,369064	1,712468
AIRCRAFT HEAVIER THAN AIR (7341).....	2,000983	2,555388	2,026999	3,117488	4,480585	4,518471	4,191481	3,942661	5,872848	7,041332	35,659
WARSHIPS (7351).....	54,587	9,859	5,209	6,986	7,828	15,767	36,723	56,837	11,405	31,385	14,520
OPTICAL ELEMENTS (8611).....	21,291	24,141	28,076	33,964	45,126	45,551	49,617	61,501	70,669	80,332	92,475
OPTICAL INSTRUMENTS (8613)...	17,963	18,846	17,636	22,959	32,448	44,729	56,317	45,139	81,723	127,840	153,679
MEASURING, CONTROL INSTR NES(8619).....	480,533	463,004	468,940	530,589	686,673	795,802	874,327	967,331	644,355	772,048	961,682

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

UNITED STATES, USSR AND EUROPEAN CEMA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	353,320	383,951	818,539	1,796,644	1,431,636	2,787,937	3,502,344	2,544,181	3,678,713	5,683,828	3,859,555
HIGH TECHNOLOGY GOODS.....	17,614	26,907	41,249	93,679	201,017	245,929	213,735	180,287	167,466	156,299	109,383
NUCLEAR REACTORS (7117).....	-	-	-	-	-	-	500	-	477	1,238	-
CALC MACHINES, COMPUTERS (7142).....	4,782	2,436	3,927	6,534	531	299	898	127	57	76	39
STATISTICAL MACHINES(7143)...	795	119	52	392	6,832	15,385	18,421	4,671	27,537	26,263	14,572
MACHINE TOOLS FOR METAL (7151).....	7,967	14,780	22,013	35,795	72,194	100,444	63,830	46,575	63,258	18,468	33,692
TELECOMMUNICATIONS EQUIP (7249).....	367	1,093	1,066	2,141	5,053	2,552	2,847	10,006	9,677	10,933	11,659
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	58	215	200	361	2,637	2,530	4,308	3,283	2,803	2,708	3,471
ELEC AND PROTON ACCELERATORS (7297).....	10	1,788	25	2	30	222	331	38	253	434	69
ELECTRICAL MACHINERY, N.E.S. (7299).....	312	520	2,302	6,665	21,044	50,615	24,260	27,423	15,886	20,057	18,604
AIRCRAFT HEAVIER THAN AIR (7341).....	0	0	0	0	44,925	5,497	4,334	92	253	182	0
OPTICAL ELEMENTS (8611).....	7	51	43	123	112	520	349	246	96	309	392
OPTICAL INSTRUMENTS (8613)...	29	83	138	86	27	127	228	140	460	263	342
MEASURING, CONTROL INSTR NES(8619).....	1,998	2,666	3,440	3,865	6,813	16,798	12,348	15,742	10,616	20,233	9,293

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

UNITED STATES, USSR

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	118,389	161,732	546,804	1,190,310	609,248	1,836,933	2,308,185	1,627,567	2,252,303	3,607,498	1,512,787
HIGH TECHNOLOGY GOODS.....	8,656	18,482	32,444	69,806	126,933	187,209	167,886	133,179	72,641	102,441	57,006
NUCLEAR REACTORS (7117).....	-	-	-	-	-	-	-	-	-	-	-
CALC MACHINES, COMPUTERS	556	1,672	3,437	1,923	39	26	11	10	15	6	1
(7142).....	11	-	35	366	2,829	6,901	14,471	2,219	15,896	18,724	258
STATISTICAL MACHINES(7143)...	-	-	-	-	-	-	-	-	-	-	-
MACHINE TOOLS FOR METAL	6,293	13,651	19,948	32,309	68,405	89,791	48,109	31,406	16,699	7,270	25,699
(7151).....	-	-	-	-	-	-	-	-	-	-	-
TELECOMMUNICATIONS EQUIP	168	705	261	503	1,765	1,324	1,431	5,665	5,519	5,154	4,897
(7249).....	-	-	-	-	-	-	-	-	-	-	-
TUBES, TRANSISTORS,	13	14	46	43	47	453	48	234	351	219	114
PHOTOCELLS(7293).....	-	-	-	-	-	-	-	-	-	-	-
ELEC AND PROTON ACCELERATORS	-	-	-	-	-	218	320	-	253	218	66
(7297).....	-	-	-	-	-	-	-	-	-	-	-
ELECTRICAL MACHINERY, N.E.S.	179	410	1,933	6,178	13,260	41,511	19,704	21,227	5,121	6,615	9,941
(7299).....	-	-	-	-	-	-	-	-	-	-	-
AIRCRAFT HEAVIER THAN AIR	-	-	-	-	439	197	-	-	-	-	-
(7341).....	-	-	-	-	46	254	20	132	29	66	33
OPTICAL ELEMENTS (8611).....	1	1	32	64	7	119	126	25	236	166	108
OPTICAL INSTRUMENTS (8613)...	4	71	134	41	-	-	-	-	-	-	-
MEASURING, CONTROL INSTR	-	-	-	-	-	-	-	-	-	-	-
NES(8619).....	946	1,501	1,381	1,832	2,870	10,045	5,982	7,563	6,412	17,481	5,801

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

UNITED STATES, EUROPEAN CEMA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	234,931	222,219	271,735	606,334	822,388	951,004	1,194,159	916,614	1,426,410	2,076,330	2,346,768
HIGH TECHNOLOGY GOODS.....	8,958	8,425	8,805	23,873	74,084	58,720	45,849	47,108	94,825	53,858	52,377
NUCLEAR REACTORS (7117).....	-	-	-	-	-	-	500	-	28	1,238	-
CALC MACHINES, COMPUTERS	4,226	764	490	4,611	492	273	887	117	42	70	38
(7142).....	784	119	17	26	4,003	8,484	3,950	2,452	11,641	7,539	14,314
STATISTICAL MACHINES(7143)...	-	-	-	-	-	-	-	-	-	-	-
MACHINE TOOLS FOR METAL	1,674	1,129	2,065	3,486	3,789	10,653	15,721	15,169	46,559	11,198	7,993
(7151).....	-	-	-	-	-	-	-	-	-	-	-
TELECOMMUNICATIONS EQUIP	199	388	805	1,638	3,288	1,228	1,416	4,341	4,158	5,779	6,762
(7249).....	-	-	-	-	-	-	-	-	-	-	-
TUBES, TRANSISTORS,	45	201	154	318	2,590	2,077	4,260	3,049	2,452	2,489	3,357
PHOTOCELLS(7293).....	10	1,788	25	2	30	4	11	38	-	216	3
ELEC AND PROTON ACCELERATORS	-	-	-	-	-	-	-	-	-	-	-
(7297).....	-	-	-	-	-	-	-	-	-	-	-
ELECTRICAL MACHINERY, N.E.S.	133	110	369	487	7,784	9,104	4,556	6,196	10,765	13,442	8,663
(7299).....	-	-	-	-	-	-	-	-	-	-	-
AIRCRAFT HEAVIER THAN AIR	0	0	0	0	44,486	5,300	4,334	92	253	182	0
(7341).....	6	50	11	59	66	266	329	114	67	243	359
OPTICAL ELEMENTS (8611).....	25	12	4	45	20	8	102	115	224	97	234
OPTICAL INSTRUMENTS (8613)...	-	-	-	-	-	-	-	-	-	-	-
MEASURING, CONTROL INSTR	-	-	-	-	-	-	-	-	-	-	-
NES(8619).....	1,052	1,165	2,059	2,033	3,943	6,753	6,366	8,179	4,204	2,752	3,492

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

BULGARIA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	15,294	4,363	3,356	6,474	22,260	29,849	43,327	23,943	48,245	56,470	160,793
HIGH TECHNOLOGY GOODS.....	45	70	168	651	1,978	1,979	1,782	3,623	2,715	2,400	2,779
CALC MACHINES, COMPUTERS	-	-	-	59	17	10	14	20	1	21	-
(7142).....	-	-	4	-	-	369	502	137	490	662	769
STATISTICAL MACHINES(7143)...	5	13	-	-	-	-	-	-	-	-	-
MACHINE TOOLS FOR METAL	-	-	-	161	0	347	7	0	150	0	122
(7151).....	0	-	69	-	-	-	-	-	-	-	-
TELECOMMUNICATIONS EQUIP	-	-	11	295	34	8	25	2,322	1,240	208	269
(7249).....	13	7	-	-	-	-	-	-	-	-	-
TUBES, TRANSISTORS,	-	1	3	1	1,722	851	851	706	590	465	665
PHOTOCELLS(7293).....	-	-	-	0	3	10	18	18	18	590	248
ELECTRICAL MACHINERY, N.E.S.	-	-	-	2	-	-	3	-	2	33	17
(7299).....	10	-	-	-	-	-	-	-	-	-	17
OPTICAL ELEMENTS (8611).....	-	2	-	-	-	-	-	-	-	-	-
OPTICAL INSTRUMENTS (8613)...	-	-	-	-	-	-	-	-	-	-	-
MEASURING, CONTROL INSTR	-	-	-	-	-	-	-	-	-	-	-
NES(8619).....	5	8	51	132	84	175	171	299	8	77	465

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

CZECHOSLOVAKIA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	22,512	38,725	49,407	72,050	48,860	53,086	148,668	74,745	105,467	281,381	185,211
HIGH TECHNOLOGY GOODS.....	1,401	2,193	1,942	1,842	4,498	2,207	3,819	2,470	5,794	4,689	8,259
NUCLEAR REACTORS (7117).....	-	-	-	-	-	-	-	-	-	30	-
CALC MACHINES, COMPUTERS											
(7142).....	454	296	324	295	103	30	68	46	12	9	-
STATISTICAL MACHINES(7143)...	42	7	4	-	907	815	1,968	445	3,548	1,908	1,864
MACHINE TOOLS FOR METAL											
(7151).....	428	1,040	128	78	72	16	469	478	194	53	981
TELECOMMUNICATIONS EQUIP											
(7249).....	57	138	506	766	2,111	563	181	461	579	559	270
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	7	22	18	37	37	69	106	157	122	144	219
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	31	23	210	13	217	123	110	171	765	1,081	3,768
AIRCRAFT HEAVIER THAN AIR											
(7341).....	0	0	0	0	0	0	0	0	0	0	0
OPTICAL ELEMENTS (8611).....	1	2	-	28	35	11	1	2	4	10	6
OPTICAL INSTRUMENTS (8613)...	12	0	-	0	-	1	-	-	4	2	200
MEASURING, CONTROL INSTR											
NES(8619).....	311	415	707	597	704	470	807	572	132	551	307

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

EAST GERMANY

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	32,545	25,440	14,934	28,025	20,913	17,324	64,938	36,145	170,358	356,030	478,277
HIGH TECHNOLOGY GOODS.....	4,473	837	299	456	647	449	529	553	1,318	1,403	1,148
CALC MACHINES, COMPUTERS											
(7142).....	3,747	443	61	91	-	-	-	1	-	-	2
STATISTICAL MACHINES(7143)...	332	9	-	-	199	77	0	162	352	540	280
MACHINE TOOLS FOR METAL											
(7151).....	40	23	0	0	53	0	0	3	0	100	0
TELECOMMUNICATIONS EQUIP											
(7249).....	5	1	7	13	41	11	28	1	6	16	78
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	-	2	5	5	26	2	19	0	91	16	5
ELEC AND PROTON ACCELERATORS											
(7297).....	-	51	12	1	12	-	-	-	-	-	-
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	2	3	39	33	30	26	11	116	282	190	56
OPTICAL ELEMENTS (8611).....	0	45	7	0	1	0	0	0	0	6	0
OPTICAL INSTRUMENTS (8613)...	9	7	0	17	7	3	1	7	2	5	0
MEASURING, CONTROL INSTR											
NES(8619).....	164	117	143	252	170	231	379	130	453	25	595

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

HUNGARY

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	28,263	27,873	22,613	32,956	56,446	76,168	63,098	80,552	98,539	77,881	79,951
HIGH TECHNOLOGY GOODS.....	383	576	1,385	1,828	517	1,083	1,139	4,455	2,117	4,240	4,781
CALC MACHINES, COMPUTERS											
(7142).....	20	4	46	70	15	1	7	3	15	13	25
STATISTICAL MACHINES(7143)...	55	22	-	19	54	231	43	109	889	742	1,773
MACHINE TOOLS FOR METAL											
(7151).....	0	2	77	62	22	63	166	1,696	183	1,119	1,344
TELECOMMUNICATIONS EQUIP											
(7249).....	82	28	62	41	32	27	110	229	52	213	131
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	2	32	33	43	51	49	175	144	131	170	239
ELEC AND PROTON ACCELERATORS											
(7297).....	-	-	-	-	-	-	1	-	-	-	-
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	16	5	12	16	156	83	127	1,167	186	1,001	489
OPTICAL ELEMENTS (8611).....	3	0	1	7	9	53	76	29	2	2	31
OPTICAL INSTRUMENTS (8613)...	2	3	4	2	3	2	1	62	5	4	2
MEASURING, CONTROL INSTR											
NES(8619).....	156	89	151	205	120	385	283	683	418	377	357

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

POLAND

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	69,915	73,270	111,780	349,993	395,642	583,269	623,396	438,883	680,050	793,299	713,679
HIGH TECHNOLOGY GOODS.....	1,101	517	2,306	7,064	16,722	29,975	26,296	22,665	41,097	18,291	17,850
CALC MACHINES, COMPUTERS											
(7142).....	5	-	37	2,819	335	232	798	47	14	15	6
STATISTICAL MACHINES(7143)...	11	-	9	3	2,320	6,594	1,137	1,274	2,150	750	6,184
MACHINE TOOLS FOR METAL											
(7151).....	678	17	1,228	2,666	3,209	7,903	13,444	8,204	24,783	3,310	2,113
TELECOMMUNICATIONS EQUIP											
(7249).....	20	21	48	68	330	387	634	770	1,597	2,783	1,336
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	8	25	12	99	468	919	3,030	1,668	946	1,079	1,171
ELEC AND PROTON ACCELERATORS											
(7297).....	-	-	-	-	-	-	-	3	-	-	-
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	11	37	96	351	5,654	8,030	4,245	3,179	6,434	7,038	2,781
AIRCRAFT HEAVIER THAN AIR											
(7341).....	-	-	-	-	0	0	21	92	253	182	-
OPTICAL ELEMENTS (8611).....	0	-	3	20	20	180	231	66	50	179	287
OPTICAL INSTRUMENTS (8613)...	-	-	0	11	6	2	67	45	140	66	13
MEASURING, CONTROL INSTR											
NES(8619).....	301	261	608	581	1,902	2,358	1,901	2,980	2,387	1,350	744

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

ROMANIA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	66,398	52,532	69,428	116,615	277,782	190,645	249,656	260,017	318,952	501,215	721,966
HIGH TECHNOLOGY GOODS.....	1,553	4,227	2,691	12,027	49,716	23,027	12,283	13,310	41,714	22,646	17,557
NUCLEAR REACTORS (7117).....	-	-	-	-	-	-	500	-	28	1,208	-
CALC MACHINES, COMPUTERS (7142).....	-	21	22	1,277	22	-	-	-	-	12	5
STATISTICAL MACHINES(7143)...	339	68	-	4	523	398	300	325	4,212	2,748	3,444
MACHINE TOOLS FOR METAL (7151).....	528	47	563	519	433	2,324	1,635	4,788	21,249	6,616	3,433
TELECOMMUNICATIONS EQUIP (7249).....	22	193	171	455	736	232	438	558	672	2,000	4,678
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	28	119	83	133	286	187	79	374	572	615	1,058
ELEC AND PROTON ACCELERATORS (7297).....	10	1,737	13	1	18	4	10	5	-	216	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	63	42	12	74	1,724	832	45	1,545	3,080	3,542	1,321
AIRCRAFT HEAVIER THAN AIR (7341).....	-	-	-	-	44,486	5,300	4,313	0	0	0	0
OPTICAL ELEMENTS (8611).....	2	3	-	2	1	22	18	17	9	13	18
OPTICAL INSTRUMENTS (8613)...	2	-	-	15	2	-	33	1	73	20	2
MEASURING, CONTROL INSTR NES(8619).....	113	270	386	261	963	3,134	2,824	3,513	806	372	1,024

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

ALBANIA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	4	16	217	221	485	663	1,076	2,329	4,799	10,054	6,891
HIGH TECHNOLOGY GOODS.....	2	5	14	5	6	-	1	32	70	189	3
STATISTICAL MACHINES(7143)...	-	-	-	-	-	-	-	-	-	189	-
TELECOMMUNICATIONS EQUIP	-	-	-	-	-	-	-	-	12	-	-
(7249).....	-	-	-	-	4	-	-	-	-	-	-
ELEC AND PROTON ACCELERATORS	-	-	-	-	-	-	-	-	-	-	-
(7297).....	-	-	-	-	-	-	-	30	-	-	3
OPTICAL INSTRUMENTS (8613)...	-	-	-	-	2	-	-	-	-	-	-
MEASURING, CONTROL INSTR	-	-	-	-	-	-	-	-	-	-	-
NES(8619).....	2	5	13	5	-	-	1	2	-	-	-

- Data not available.

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EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

EXPORTS FOR (UNITED STATES, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	216,916,389	3,859,555	1,512,787	2,346,768
HIGH TECHNOLOGY GOODS.....	16,792,626	109,383	57,006	52,377
NUCLEAR REACTORS (7117).....	389,804	-	-	-
CALC MACHINES, COMPUTERS (7142).....	132,381	39	1	38
STATISTICAL MACHINES(7143)....	4,616,405	14,572	258	14,314
MACHINE TOOLS FOR METAL (7151).....	830,541	33,692	25,699	7,993
TELECOMMUNICATIONS EQUIP (7249).....	2,673,283	11,659	4,897	6,762
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	2,354,688	3,471	114	3,357
ELEC AND PROTON ACCELERATORS (7297).....	26,883	69	66	3
ELECTRICAL MACHINERY, N.E.S. (7299).....	1,712,468	18,604	9,941	8,663
AIRCRAFT HEAVIER THAN AIR (7341).....	35,659	0	-	0
WARSHIPS (7351).....	14,520	-	-	-
OPTICAL ELEMENTS (8611).....	92,475	392	33	359
OPTICAL INSTRUMENTS (8613)....	153,679	342	108	234
MEASURING, CONTROL INSTR NES(8619).....	961,682	9,293	5,801	3,492

- Data not available.

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EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(PERCENT DISTRIBUTION OF EXPORTS, BY COMMODITY)

EXPORTING COUNTRY:

EXPORTS FOR (UNITED STATES, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	100.00	100.00	100.00	100.00
HIGH TECHNOLOGY GOODS.....	7.74	2.83	3.77	2.23
NUCLEAR REACTORS (7117).....	.18	-	-	-
CALC MACHINES, COMPUTERS (7142).....	.06	.00	.00	.00
STATISTICAL MACHINES(7143)...	2.13	.38	.02	.61
MACHINE TOOLS FOR METAL (7151).....	.38	.87	1.70	.34
TELECOMMUNICATIONS EQUIP (7249).....	1.23	.30	.32	.29
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	1.09	.09	.01	.14
ELEC AND PROTON ACCELERATORS (7297).....	.01	.00	.00	.00
ELECTRICAL MACHINERY, N.E.S. (7299).....	.79	.48	.66	.37
AIRCRAFT HEAVIER THAN AIR (7341).....	.02	.00	-	.00
WARSHIPS (7351).....	.01	-	-	-
OPTICAL ELEMENTS (8611).....	.04	.01	.00	.02
OPTICAL INSTRUMENTS (8613)...	.07	.01	.01	.01
MEASURING, CONTROL INSTR NES(8619).....	.44	.24	.38	.15

- Data not available.

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EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(PERCENT DISTRIBUTION OF EXPORTS, BY PARTNER)

EXPORTING COUNTRY:

EXPORTS FOR (UNITED STATES, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	100.00	1.78	0.70	1.08
HIGH TECHNOLOGY GOODS.....	100.00	.65	.34	.31
NUCLEAR REACTORS (7117).....	100.00	-	-	-
CALC MACHINES, COMPUTERS (7142).....	100.00	.03	.00	.03
STATISTICAL MACHINES(7143)...	100.00	.32	.01	.31
MACHINE TOOLS FOR METAL (7151).....	100.00	4.06	3.09	.96
TELECOMMUNICATIONS EQUIP (7249).....	100.00	.44	.18	.25
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	100.00	.15	.00	.14
ELEC AND PROTON ACCELERATORS (7297).....	100.00	.26	.25	.01
ELECTRICAL MACHINERY, N.E.S. (7299).....	100.00	1.09	.58	.51
AIRCRAFT HEAVIER THAN AIR (7341).....	100.00	.00	-	.00
WARSHIPS (7351).....	100.00	-	-	-
OPTICAL ELEMENTS (8611).....	100.00	.42	.04	.39
OPTICAL INSTRUMENTS (8613)...	100.00	.22	.07	.15
MEASURING, CONTROL INSTR NES(8619).....	100.00	.97	.60	.36

- Data not available.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

UNITED STATES, WORLD

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	43226413	44136589	49675654	71314451	98506330	107652E3	114997E3	120163E3	142532E3	176788E3	216916E3
HIGH TECHNOLOGY GOODS.....	5,607632	5,895449	5,774571	8,030905	11286745	12031085	12814634	13086367	17006491	20570698	16792626
NUCLEAR REACTORS (7117).....	46,480	22,697	45,014	49,442	146,608	166,191	119,355	79,773	130,522	196,718	389,804
CALC MACHINES, COMPUTERS (7142).....	572,915	462,383	466,389	615,298	154,592	104,205	92,987	80,603	91,677	102,512	132,381
STATISTICAL MACHINES(7143)...	100,079	98,482	116,707	116,482	773,834	781,696	853,621	991,183	2,688173	3,441697	4,616405
MACHINE TOOLS FOR METAL (7151).....	310,773	272,268	264,791	356,883	448,809	577,947	553,484	457,598	584,681	684,602	830,541
TELECOMMUNICATIONS EQUIP (7249).....	591,493	587,212	700,116	855,517	1,158554	1,393413	1,757587	1,918834	2,124602	2,389927	2,673283
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	545,407	480,146	636,200	1,077449	1,527331	1,351012	1,785588	1,813853	1,468983	1,898234	2,354688
ELEC AND PROTON ACCELERATORS (7297).....	6,647	13,835	7,591	8,753	7,761	12,995	15,847	11,998	19,770	18,345	26,883
ELECTRICAL MACHINERY, N.E.S. (7299).....	268,762	270,813	312,411	402,897	623,866	709,415	769,229	898,383	1,093197	1,369064	1,712468
AIRCRAFT HEAVIER THAN AIR (7341).....	2,000983	2,555388	2,026999	3,117488	4,480585	4,518471	4,191481	3,942661	5,872848	7,041332	35,659
WARSHIPS (7351).....	54,587	9,859	5,209	6,986	7,828	15,767	36,723	56,837	11,405	31,385	14,520
OPTICAL ELEMENTS (8611).....	21,291	24,141	28,076	33,964	45,126	45,551	49,617	61,501	70,669	80,332	92,475
OPTICAL INSTRUMENTS (8613)...	17,963	18,846	17,636	22,959	32,448	44,729	56,317	45,139	81,723	127,840	153,679
MEASURING, CONTROL INSTR NES(8619).....	480,533	463,004	468,940	530,589	686,673	795,802	874,327	967,331	644,355	772,048	961,682

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

UNITED STATES, USSR AND EUROPEAN CEMA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	353,320	383,951	818,539	1,796,644	1,431,636	2,787,937	3,502,344	2,544,181	3,678,713	5,683,828	3,859,555
HIGH TECHNOLOGY GOODS.....	17,614	26,907	41,249	93,679	201,017	245,929	213,735	180,287	167,466	156,299	109,383
NUCLEAR REACTORS (7117).....							500		477	1,238	
CALC MACHINES, COMPUTERS (7142).....	4,782	2,436	3,927	6,534	531	299	898	127	57	76	39
STATISTICAL MACHINES(7143)...	795	119	52	392	6,832	15,385	18,421	4,671	27,537	26,263	14,572
MACHINE TOOLS FOR METAL (7151).....	7,967	14,780	22,013	35,795	72,194	100,444	63,830	46,575	63,258	18,468	33,692
TELECOMMUNICATIONS EQUIP (7249).....	367	1,093	1,066	2,141	5,053	2,552	2,847	10,006	9,677	10,933	11,659
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	58	215	200	361	2,637	2,530	4,308	3,283	2,803	2,708	3,471
ELEC AND PROTON ACCELERATORS (7297).....	10	1,788	25	2	30	222	331	38	253	434	69
ELECTRICAL MACHINERY, N.E.S. (7299).....	312	520	2,302	6,665	21,044	50,615	24,260	27,423	15,886	20,057	18,604
AIRCRAFT HEAVIER THAN AIR (7341).....	0	0	0	0	44,925	5,497	4,334	92	253	182	0
OPTICAL ELEMENTS (8611).....	7	51	43	123	112	520	349	246	96	309	392
OPTICAL INSTRUMENTS (8613)...	29	83	138	86	27	127	228	140	460	263	342
MEASURING, CONTROL INSTR NES(8619).....	1,998	2,666	3,440	3,865	6,813	16,798	12,348	15,742	10,616	20,233	9,293

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

UNITED STATES, USSR

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	118,389	161,732	546,804	1,190,310	609,248	1,836,933	2,308,185	1,627,567	2,252,303	3,607,498	1,512,787
HIGH TECHNOLOGY GOODS.....	8,656	18,482	32,444	69,806	126,933	187,209	167,886	133,179	72,641	102,441	57,006
NUCLEAR REACTORS (7117).....	-	-	-	-	-	-	-	-	449	-	-
CALC MACHINES, COMPUTERS											
(7142).....	556	1,672	3,437	1,923	39	26	11	10	15	6	1
STATISTICAL MACHINES(7143)...	11	-	35	366	2,829	6,901	14,471	2,219	15,896	18,724	258
MACHINE TOOLS FOR METAL											
(7151).....	6,293	13,651	19,948	32,309	68,405	89,791	48,109	31,406	16,699	7,270	25,699
TELECOMMUNICATIONS EQUIP											
(7249).....	168	705	261	503	1,765	1,324	1,431	5,665	5,519	5,154	4,897
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	13	14	46	43	47	453	48	234	351	219	114
ELEC AND PROTON ACCELERATORS											
(7297).....	-	-	-	-	-	218	320	-	253	218	66
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	179	410	1,933	6,178	13,260	41,511	19,704	21,227	5,121	6,615	9,941
AIRCRAFT HEAVIER THAN AIR											
(7341).....	-	-	-	-	439	197	-	-	-	-	-
OPTICAL ELEMENTS (8611).....	1	1	32	64	46	254	20	132	29	66	33
OPTICAL INSTRUMENTS (8613)...	4	71	134	41	7	119	126	25	236	166	108
MEASURING, CONTROL INSTR											
NES(8619).....	946	1,501	1,381	1,832	2,870	10,045	5,982	7,563	6,412	17,481	5,801

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

UNITED STATES, EUROPEAN CEMA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	234,931	222,219	271,735	606,334	822,388	951,004	1,194,159	916,614	1,426,410	2,076,330	2,346,768
HIGH TECHNOLOGY GOODS.....	8,958	8,425	8,805	23,873	74,084	58,720	45,849	47,108	94,825	53,858	52,377
NUCLEAR REACTORS (7117).....	-	-	-	-	-	-	500	-	28	1,238	-
CALC MACHINES, COMPUTERS (7142).....	4,226	764	490	4,611	492	273	887	117	42	70	38
STATISTICAL MACHINES(7143)...	784	119	17	26	4,003	8,484	3,950	2,452	11,641	7,539	14,314
MACHINE TOOLS FOR METAL (7151).....	1,674	1,129	2,065	3,486	3,789	10,653	15,721	15,169	46,559	11,198	7,993
TELECOMMUNICATIONS EQUIP (7249).....	199	388	805	1,638	3,288	1,228	1,416	4,341	4,158	5,779	6,762
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	45	201	154	318	2,590	2,077	4,260	3,049	2,452	2,489	3,357
ELEC AND PROTON ACCELERATORS (7297).....	10	1,788	25	2	30	4	11	38	-	216	3
ELECTRICAL MACHINERY, N.E.S. (7299).....	133	110	369	487	7,784	9,104	4,556	6,196	10,765	13,442	8,663
AIRCRAFT HEAVIER THAN AIR (7341).....	0	0	0	0	44,486	5,300	4,334	92	253	182	0
OPTICAL ELEMENTS (8611).....	6	50	11	59	66	266	329	114	67	243	359
OPTICAL INSTRUMENTS (8613)...	25	12	4	45	20	8	102	115	224	97	234
MEASURING, CONTROL INSTR NES(8619).....	1,052	1,165	2,059	2,033	3,943	6,753	6,366	8,179	4,204	2,752	3,492

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

BULGARIA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	15,294	4,363	3,356	6,474	22,260	29,849	43,327	23,943	48,245	56,470	160,793
HIGH TECHNOLOGY GOODS.....	45	70	168	651	1,978	1,979	1,782	3,623	2,715	2,400	2,779
CALC MACHINES, COMPUTERS (7142).....	-	-	-	59	17	10	14	20	1	21	-
STATISTICAL MACHINES(7143)...	5	13	4	-	-	369	502	137	490	662	769
MACHINE TOOLS FOR METAL (7151).....	0	-	69	161	0	347	7	0	150	0	122
TELECOMMUNICATIONS EQUIP (7249).....	13	7	11	295	34	8	25	2,322	1,240	208	269
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	-	1	3	1	1,722	851	851	706	590	465	665
ELECTRICAL MACHINERY, N.E.S. (7299).....	10	-	-	0	3	10	18	18	18	590	248
OPTICAL ELEMENTS (8611).....	-	-	-	2	-	-	3	-	2	33	17
OPTICAL INSTRUMENTS (8613)...	-	2	-	-	-	-	-	-	-	-	17
MEASURING, CONTROL INSTR NES(8619).....	5	8	51	132	84	175	171	299	8	77	465

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

CZECHOSLOVAKIA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	22,512	38,725	49,407	72,050	48,860	53,086	148,668	74,745	105,467	281,381	185,211
HIGH TECHNOLOGY GOODS.....	1,401	2,193	1,942	1,842	4,498	2,207	3,819	2,470	5,794	4,689	8,259
NUCLEAR REACTORS (7117).....	-	-	-	-	-	-	-	-	-	30	-
CALC MACHINES, COMPUTERS	454	296	324	295	103	30	68	46	12	9	-
(7142).....	42	7	4	-	907	815	1,968	445	3,548	1,908	1,864
STATISTICAL MACHINES(7143)...											
MACHINE TOOLS FOR METAL	428	1,040	128	78	72	16	469	478	194	53	981
(7151).....											
TELECOMMUNICATIONS EQUIP	57	138	506	766	2,111	563	181	461	579	559	270
(7249).....											
TUBES, TRANSISTORS,	7	22	18	37	37	69	106	157	122	144	219
PHOTOCELLS(7293).....											
ELECTRICAL MACHINERY, N.E.S.	31	23	210	13	217	123	110	171	765	1,081	3,768
(7299).....											
AIRCRAFT HEAVIER THAN AIR	0	0	0	0	0	0	0	0	0	0	0
(7341).....	1	2	-	28	35	11	1	2	4	10	6
OPTICAL ELEMENTS (8611).....	12	0	-	0	-	1	-	-	4	2	200
OPTICAL INSTRUMENTS (8613)...											
MEASURING, CONTROL INSTR	311	415	707	597	704	470	807	572	132	551	307
NES(8619).....											

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

EAST GERMANY

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	32,545	25,440	14,934	28,025	20,913	17,324	64,938	36,145	170,358	356,030	478,277
HIGH TECHNOLOGY GOODS.....	4,473	837	299	456	647	449	529	553	1,318	1,403	1,148
CALC MACHINES, COMPUTERS											
(7142).....	3,747	443	61	91	-	-	-	1	-	-	2
STATISTICAL MACHINES(7143)...	332	9	-	-	199	77	0	162	352	540	280
MACHINE TOOLS FOR METAL											
(7151).....	40	23	0	0	53	0	0	3	0	100	0
TELECOMMUNICATIONS EQUIP											
(7249).....	5	1	7	13	41	11	28	1	6	16	78
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	-	2	5	5	26	2	19	0	91	16	5
ELEC AND PROTON ACCELERATORS											
(7297).....	-	51	12	1	12	-	-	-	-	-	-
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	2	3	39	33	30	26	11	116	282	190	56
OPTICAL ELEMENTS (8611).....	0	45	7	0	1	0	0	0	0	6	0
OPTICAL INSTRUMENTS (8613)...	9	7	0	17	7	3	1	7	2	5	0
MEASURING, CONTROL INSTR											
NES(8619).....	164	117	143	252	170	231	379	130	453	25	595

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

HUNGARY

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	28,263	27,873	22,613	32,956	56,446	76,168	63,098	80,552	98,539	77,881	79,951
HIGH TECHNOLOGY GOODS.....	383	576	1,385	1,828	517	1,083	1,139	4,455	2,117	4,240	4,781
CALC MACHINES, COMPUTERS											
(7142).....	20	4	46	70	15	1	7	3	15	13	25
STATISTICAL MACHINES(7143)...	55	22	-	19	54	231	43	109	889	742	1,773
MACHINE TOOLS FOR METAL											
(7151).....	0	2	77	62	22	63	166	1,696	183	1,119	1,344
TELECOMMUNICATIONS EQUIP											
(7249).....	82	28	62	41	32	27	110	229	52	213	131
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	2	32	33	43	51	49	175	144	131	170	239
ELEC AND PROTON ACCELERATORS											
(7297).....	-	-	-	-	-	-	1	-	-	-	-
ELECTRICAL MACHINERY, N.E.S.											
(7298).....	16	5	12	16	156	83	127	1,167	186	1,001	489
OPTICAL ELEMENTS (8611).....	3	0	1	7	9	53	76	29	2	2	31
OPTICAL INSTRUMENTS (8613)...	2	3	4	2	3	2	1	62	5	4	2
MEASURING, CONTROL INSTR											
INS(8619).....	156	89	151	205	120	385	283	683	418	377	357

See footnotes at end of table.

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- 9 -EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

POLAND

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	69,915	73,270	111,780	349,993	395,642	583,269	623,396	438,883	680,050	793,299	713,679
HIGH TECHNOLOGY GOODS.....	1,101	517	2,306	7,064	16,722	29,975	26,296	22,665	41,097	18,291	17,850
CALC MACHINES, COMPUTERS	5	-	37	2,819	335	232	798	47	14	15	6
STATISTICAL MACHINES(7143)...	11	-	9	3	2,320	6,594	1,137	1,274	2,150	750	6,184
MACHINE TOOLS FOR METAL	678	17	1,228	2,666	3,209	7,903	13,444	8,204	24,783	3,310	2,113
(7151).....											
TELECOMMUNICATIONS EQUIP	20	21	48	68	330	387	634	770	1,597	2,783	1,336
(7249).....											
TUBES, TRANSISTORS,	8	25	12	99	468	919	3,030	1,668	946	1,079	1,171
PHOTOCELLS(7293).....											
ELEC AND PROTON ACCELERATORS	-	-	-	-	-	-	-	3	-	-	-
(7297).....											
ELECTRICAL MACHINERY, N.E.S.	11	37	96	351	5,654	8,030	4,245	3,179	6,434	7,038	2,781
(7299).....											
AIRCRAFT HEAVIER THAN AIR	-	-	-	-	0	0	21	92	253	182	-
(7341).....											
OPTICAL ELEMENTS (8611).....	0	-	3	20	20	180	231	66	50	179	287
OPTICAL INSTRUMENTS (8613)...	-	-	0	11	6	2	67	45	140	66	13
MEASURING, CONTROL INSTR	301	261	608	581	1,902	2,358	1,901	2,980	2,387	1,350	744
NIS(8619).....											

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

ROMANIA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	66,398	52,532	69,428	116,615	277,782	190,645	249,656	260,017	318,952	501,215	721,966
HIGH TECHNOLOGY GOODS.....	1,553	4,227	2,691	12,027	49,716	23,027	12,283	13,310	41,714	22,646	17,557
NUCLEAR REACTORS (7117).....	-	-	-	-	-	-	500	-	28	1,208	-
CALC MACHINES, COMPUTERS (7142).....	-	21	22	1,277	22	-	-	-	-	12	5
STATISTICAL MACHINES(7143)...	339	68	-	4	523	398	300	325	4,212	2,748	3,444
MACHINE TOOLS FOR METAL (7151).....	528	47	563	519	433	2,324	1,635	4,788	21,249	6,616	3,433
TELECOMMUNICATIONS EQUIP (7249).....	22	193	171	455	736	232	438	558	672	2,000	4,678
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	28	119	83	133	286	187	79	374	572	615	1,058
ELEC AND PROTON ACCELERATORS (7297).....	10	1,737	13	1	18	4	10	5	-	216	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	63	42	12	74	1,724	832	45	1,545	3,080	3,542	1,321
AIRCRAFT HEAVIER THAN AIR (7341).....	-	-	-	-	44,486	5,300	4,313	0	0	0	0
OPTICAL ELEMENTS (8611).....	2	3	-	2	1	22	18	17	9	13	18
OPTICAL INSTRUMENTS (8613)...	2	-	-	15	2	-	33	1	73	20	2
MEASURING, CONTROL INSTR NES(8619).....	113	270	386	261	963	3,134	2,824	3,513	806	372	1,024

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

ALBANIA

EXPORTS											
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	4	16	217	221	485	663	1,076	2,329	4,799	10,054	6,891
HIGH TECHNOLOGY GOODS.....	2	5	14	5	6	-	1	32	70	189	3
STATISTICAL MACHINES(7143)...	-	-	-	-	-	-	-	-	-	189	-
TELECOMMUNICATIONS EQUIP	-	-	-	-	-	-	-	-	-	-	-
(7249).....	-	-	-	-	4	-	-	-	12	-	-
ELEC AND PROTON ACCELERATORS	-	-	-	-	-	-	-	-	-	-	-
(7297).....	-	-	-	-	-	-	-	30	-	-	3
OPTICAL INSTRUMENTS (8613)...	-	-	-	-	2	-	-	-	-	-	-
MEASURING, CONTROL INSTR	-	-	-	-	-	-	-	-	-	-	-
NES(8619).....	2	5	13	5	-	-	1	2	-	-	-

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EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

EXPORTS FOR (UNITED STATES, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	216,916,389	3,859,555	1,512,787	2,346,768
HIGH TECHNOLOGY GOODS.....	16,792,626	109,383	57,006	52,377
NUCLEAR REACTORS (7117).....	389,804	-	-	-
CALC MACHINES, COMPUTERS (7142).....	132,381	39	1	38
STATISTICAL MACHINES(7143)...	4,616,405	14,572	258	14,314
MACHINE TOOLS FOR METAL (7151).....	830,541	33,692	25,699	7,993
TELECOMMUNICATIONS EQUIP (7249).....	2,673,283	11,659	4,897	6,762
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	2,354,688	3,471	114	3,357
ELEC AND PROTON ACCELERATORS (7297).....	26,883	69	66	3
ELECTRICAL MACHINERY, N.E.S. (7299).....	1,712,468	18,604	9,941	8,663
AIRCRAFT HEAVIER THAN AIR (7341).....	35,659	0	-	0
WARSHIPS (7351).....	14,520	-	-	-
OPTICAL ELEMENTS (8611).....	92,475	392	33	359
OPTICAL INSTRUMENTS (8613)...	153,679	342	108	234
MEASURING, CONTROL INSTR NES(8619).....	961,682	9,293	5,801	3,492

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EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(PERCENT DISTRIBUTION OF EXPORTS, BY COMMODITY)

EXPORTING COUNTRY:

EXPORTS FOR (UNITED STATES, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	100.00	100.00	100.00	100.00
HIGH TECHNOLOGY GOODS.....	7.74	2.83	3.77	2.23
NUCLEAR REACTORS (7117).....	.18	-	-	-
CALC MACHINES, COMPUTERS (7142).....	.06	.00	.00	.00
STATISTICAL MACHINES(7143)....	2.13	.38	.02	.61
MACHINE TOOLS FOR METAL (7151).....	.38	.87	1.70	.34
TELECOMMUNICATIONS EQUIP (7249).....	1.23	.30	.32	.29
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	1.09	.09	.01	.14
ELEC AND PROTON ACCELERATORS (7297).....	.01	.00	.00	.00
ELECTRICAL MACHINERY, N.E.S. (7299).....	.79	.48	.66	.37
AIRCRAFT HEAVIER THAN AIR (7341).....	.02	.00	-	.00
WARSHIPS (7351).....	.01	-	-	-
OPTICAL ELEMENTS (8611).....	.04	.01	.00	.02
OPTICAL INSTRUMENTS (8613)....	.07	.01	.01	.01
MEASURING, CONTROL INSTR NES(8619).....	.44	.24	.38	.15

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EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(PERCENT DISTRIBUTION OF EXPORTS, BY PARTNER)

EXPORTING COUNTRY:

EXPORTS FOR (UNITED STATES, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	100.00	1.78	0.70	1.08
HIGH TECHNOLOGY GOODS.....	100.00	.65	.34	.31
NUCLEAR REACTORS (7117).....	100.00	-	-	-
CALC MACHINES, COMPUTERS (7142).....	100.00	.03	.00	.03
STATISTICAL MACHINES(7143)....	100.00	.32	.01	.31
MACHINE TOOLS FOR METAL (7151).....	100.00	4.06	3.09	.96
TELECOMMUNICATIONS EQUIP (7249).....	100.00	.44	.18	.25
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	100.00	.15	.00	.14
ELEC AND PROTON ACCELERATORS (7297).....	100.00	.26	.25	.01
ELECTRICAL MACHINERY, N.E.S. (7299).....	100.00	1.09	.58	.51
AIRCRAFT HEAVIER THAN AIR (7341).....	100.00	.00	-	.00
WARSHIPS (7351).....	100.00	-	-	-
OPTICAL ELEMENTS (8611).....	100.00	.42	.04	.39
OPTICAL INSTRUMENTS (8613)...	100.00	.22	.07	.15
MEASURING, CONTROL INSTR NES(8619).....	100.00	.97	.60	.36

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EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(PERCENT DISTRIBUTION OF EXPORTS, BY PARTNER)

EXPORTING COUNTRY:

EXPORTS FOR (UNITED STATES, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	100.00	1.78	0.70	1.08
HIGH TECHNOLOGY GOODS.....	100.00	.65	.34	.31
NUCLEAR REACTORS (7117).....	100.00	-	-	-
CALC MACHINES, COMPUTERS (7142).....	100.00	.03	.00	.03
STATISTICAL MACHINES(7143)...	100.00	.32	.01	.31
MACHINE TOOLS FOR METAL (7151).....	100.00	4.06	3.09	.96
TELECOMMUNICATIONS EQUIP (7249).....	100.00	.44	.18	.25
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	100.00	.15	.00	.14
ELEC AND PROTON ACCELERATORS (7297).....	100.00	.26	.25	.01
ELECTRICAL MACHINERY, N.E.S. (7299).....	100.00	1.09	.58	.51
AIRCRAFT HEAVIER THAN AIR (7341).....	100.00	.00	-	.00
WARSHIPS (7351).....	100.00	-	-	-
OPTICAL ELEMENTS (8611).....	100.00	.42	.04	.39
OPTICAL INSTRUMENTS (8613)...	100.00	.22	.07	.15
MEASURING, CONTROL INSTR NES(8619).....	100.00	.97	.60	.36

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

WEST GERMANY, WORLD

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	34188577	39039592	46207722	67436885	89165480	90021382	102032E3	117932E3	142090E3	171437E3	191647E3
HIGH TECHNOLOGY GOODS.....	2,760409	3,034507	3,868873	5,284692	6,583990	7,242576	8,376963	9,858267	12346164	13844901	15851868
NUCLEAR REACTORS (7117).....	11,896	6,984	14,094	13,274	11,020	21,395	48,913	87,697	257,568	146,167	161,216
CALC MACHINES, COMPUTERS											
(7142).....	149,670	123,922	127,602	157,474	174,232	163,335	150,672	142,843	131,173	139,111	116,372
STATISTICAL MACHINES(7143)...	90,098	149,532	452,216	468,876	528,347	468,392	642,455	786,708	884,626	1,107295	1,505879
MACHINE TOOLS FOR METAL											
(7151).....	689,513	739,634	864,621	1,182089	1,567201	1,747798	1,669702	1,771904	2,085607	2,441023	2,738502
TELECOMMUNICATIONS EQUIP											
(7249).....	411,000	469,278	568,915	780,498	932,917	1,107470	1,317799	1,366493	1,741993	1,923876	2,161487
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	171,474	164,962	230,424	381,562	463,832	434,121	538,112	626,051	850,808	1,025284	1,218262
ELEC AND PROTON ACCELERATORS											
(7297).....	1,259	1,573	1,507	1,349	157	28	241	2,415	1,908	593	386
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	316,676	355,896	416,624	603,148	797,844	848,191	1,035233	1,440806	2,052440	1,881715	1,551444
AIRCRAFT HEAVIER THAN AIR											
(7341).....	56,589	34,953	43,007	74,937	50,394	82,338	365,770	631,866	716,180	1,002297	1,536464
OPTICAL ELEMENTS (8611).....	36,010	42,557	51,085	77,554	92,749	96,747	104,960	118,119	147,910	179,533	191,275
OPTICAL INSTRUMENTS (8613)...	51,245	54,802	59,921	84,820	105,476	113,343	134,892	187,814	250,113	287,006	304,082
MEASURING, CONTROL INSTR											
NES(8619).....	271,852	299,406	350,771	483,182	594,587	601,362	659,460	783,808	960,615	1,120585	1,376005

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

WEST GERMANY, USSR AND EUROPEAN CEMA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	1,299,684	1,531,225	2,202,975	3,755,496	5,576,196	6,471,045	6,252,583	6,665,289	7,729,739	8,710,688	9,463,834
HIGH TECHNOLOGY GOODS.....	163,468	160,597	295,197	458,034	592,315	720,677	797,074	916,499	1,107,438	1,075,817	998,417
NUCLEAR REACTORS (7117).....	-	2	-	-	7	-	329	-	-	-	1
CALC MACHINES, COMPUTERS											
(7142).....	1,027	1,563	1,586	2,161	1,820	1,915	2,284	1,752	2,153	3,359	1,428
STATISTICAL MACHINES(7143)...	4,528	5,686	4,917	13,715	16,789	18,679	22,202	20,740	25,737	26,330	13,902
MACHINE TOOLS FOR METAL											
(7151).....	94,235	75,539	164,265	266,644	309,152	355,294	447,823	504,561	536,779	534,876	533,574
TELECOMMUNICATIONS EQUIP											
(7249).....	5,635	7,507	14,234	12,653	15,861	20,273	20,024	25,997	29,303	25,981	25,393
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	3,840	4,302	5,566	10,052	13,332	12,924	9,323	13,218	17,887	18,983	18,865
ELEC AND PROTON ACCELERATORS											
(7297).....	196	92	21	60	-	-	0	-	-	-	-
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	22,782	27,116	42,328	56,877	112,748	136,609	111,246	158,014	195,261	217,073	171,578
AIRCRAFT HEAVIER THAN AIR											
(7341).....	36	0	0	47	27	5,012	40	79	51	56	15
OPTICAL ELEMENTS (8611).....	419	778	806	1,427	1,431	2,475	1,858	2,845	3,196	4,964	2,734
OPTICAL INSTRUMENTS (8613)...	722	1,379	1,608	3,275	2,471	4,063	3,984	7,767	6,057	10,335	9,989
MEASURING, CONTROL INSTR											
NES(8619).....	11,586	15,394	20,864	30,225	40,696	40,476	57,180	55,170	58,874	66,477	68,931

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

WEST GERMANY, USSR

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	422,448	460,681	712,208	1,182,643	1,856,084	2,824,386	2,684,725	2,788,769	3,140,650	3,618,619	4,373,332
HIGH TECHNOLOGY GOODS.....	78,741	63,422	142,065	216,519	283,971	384,755	455,219	511,141	545,797	546,342	566,083
NUCLEAR REACTORS (7117).....	-	-	-	-	-	-	329	-	-	-	0
CALC MACHINES, COMPUTERS (7142).....	254	686	77	336	355	193	560	356	194	396	260
STATISTICAL MACHINES(7143)...	11	1,702	1,004	5,010	3,550	7,508	7,893	9,717	14,188	12,796	2,442
MACHINE TOOLS FOR METAL (7151).....	62,804	44,657	106,769	168,149	185,165	223,979	307,055	319,629	301,286	315,325	391,062
TELECOMMUNICATIONS EQUIP (7249).....	1,265	1,321	2,180	1,816	4,920	5,257	3,324	2,643	2,435	6,350	6,101
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	170	124	218	199	670	371	562	852	856	730	1,109
ELEC AND PROTON ACCELERATORS (7297).....	196	92	21	60	-	-	-	-	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	7,492	6,875	17,445	21,018	59,249	77,535	57,027	101,790	114,399	119,566	88,227
AIRCRAFT HEAVIER THAN AIR (7341).....	36	-	0	-	-	4,975	13	-	-	-	0
OPTICAL ELEMENTS (8611).....	145	369	341	254	446	573	367	578	840	2,305	678
OPTICAL INSTRUMENTS (8613)...	184	809	764	1,713	1,237	2,631	2,155	5,650	3,498	7,673	7,537
MEASURING, CONTROL INSTR NES(8619).....	2,676	2,920	5,114	7,466	11,418	11,756	25,431	22,356	16,728	20,453	22,915

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

WEST GERMANY, EUROPEAN CEMA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	877,236	1,070,544	1,490,767	2,572,853	3,720,112	3,646,659	3,567,858	3,876,520	4,589,089	5,092,069	5,090,502
HIGH TECHNOLOGY GOODS.....	84,727	97,175	153,132	241,515	308,344	335,922	341,855	405,358	561,641	529,475	432,334
NUCLEAR REACTORS (7117).....	-	2	-	-	7	-	-	-	-	-	1
CALC MACHINES, COMPUTERS (7142).....	773	877	1,509	1,825	1,465	1,722	1,724	1,396	1,959	2,963	1,168
STATISTICAL MACHINES(7143)....	4,517	3,984	3,913	8,705	13,239	11,171	14,309	11,023	11,549	13,534	11,460
MACHINE TOOLS FOR METAL (7151).....	31,431	30,882	57,496	98,495	123,987	131,315	140,768	184,932	235,493	219,551	142,512
TELECOMMUNICATIONS EQUIP (7249).....	4,370	6,186	12,054	10,837	10,941	15,016	16,700	23,354	26,868	19,631	19,292
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	3,670	4,178	5,348	9,853	12,662	12,553	8,761	12,366	17,031	18,253	17,756
ELEC AND PROTON ACCELERATORS (7297).....	-	-	-	-	-	-	0	-	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	15,290	20,241	24,883	35,859	53,499	59,074	54,219	56,224	80,862	97,507	83,351
AIRCRAFT HEAVIER THAN AIR (7341).....	0	0	0	47	27	37	27	79	51	56	15
OPTICAL ELEMENTS (8611).....	274	409	465	1,173	985	1,902	1,491	2,267	2,356	2,659	2,056
OPTICAL INSTRUMENTS (8613)....	538	570	844	1,562	1,234	1,432	1,829	2,117	2,559	2,662	2,452
MEASURING, CONTROL INSTR NES(8619).....	8,910	12,474	15,750	22,759	29,278	28,720	31,749	32,814	42,146	46,024	46,016

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

BULGARIA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	65,597	73,780	97,212	157,383	298,184	415,910	338,135	291,269	357,092	395,332	477,179
HIGH TECHNOLOGY GOODS.....	3,276	5,392	11,364	11,986	22,102	40,389	33,596	23,687	32,935	30,247	40,207
CALC MACHINES, COMPUTERS											
(7142).....	27	37	27	50	15	31	28	28	30	18	28
STATISTICAL MACHINES(7143)...	50	7	171	106	239	1,882	593	299	831	334	661
MACHINE TOOLS FOR METAL											
(7151).....	1,079	1,866	2,341	4,293	8,954	16,298	11,783	7,886	6,890	6,794	14,415
TELECOMMUNICATIONS EQUIP											
(7249).....	184	726	5,441	2,487	1,075	2,211	3,195	2,422	6,578	2,987	2,077
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	114	195	368	668	698	913	670	584	675	856	1,607
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	602	842	898	1,730	7,093	9,939	7,321	5,480	12,655	11,233	9,514
OPTICAL ELEMENTS (8611).....	20	47	20	107	91	291	353	620	392	516	608
OPTICAL INSTRUMENTS (8613)...	77	91	19	83	214	158	154	79	80	207	240
MEASURING, CONTROL INSTR											
NES(8619).....	310	521	655	1,215	868	1,968	1,800	2,007	1,327	1,944	3,118

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

CZECHOSLOVAKIA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	288,972	371,517	380,372	567,150	691,108	679,926	806,952	848,056	913,587	1,086,938	1,034,680
HIGH TECHNOLOGY GOODS.....	22,435	29,135	30,179	49,018	59,897	74,829	71,625	90,641	118,630	123,450	114,305
NUCLEAR REACTORS (7117).....	-	2	-	-	7	-	-	-	-	-	-
CALC MACHINES, COMPUTERS											
(7142).....	279	356	421	921	664	800	1,066	964	999	991	666
STATISTICAL MACHINES(7143)...	1,275	1,899	2,323	6,497	2,402	4,992	7,459	6,390	6,635	7,556	4,895
MACHINE TOOLS FOR METAL											
(7151).....	6,647	6,296	8,695	16,985	19,922	30,408	25,675	33,753	48,540	53,966	43,774
TELECOMMUNICATIONS EQUIP											
(7249).....	1,997	2,605	2,578	3,101	4,093	3,185	1,927	2,599	3,732	2,629	2,844
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	391	188	457	831	1,073	1,085	638	1,003	1,475	1,239	1,341
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	4,625	8,766	5,481	6,216	11,209	10,556	10,840	13,997	17,349	19,670	21,198
AIRCRAFT HEAVIER THAN AIR											
(7341).....	0	0	0	47	27	37	20	79	51	56	15
OPTICAL ELEMENTS (8611).....	57	145	170	555	341	1,102	678	607	311	819	578
OPTICAL INSTRUMENTS (8613)...	124	128	210	448	306	539	759	679	795	471	738
MEASURING, CONTROL INSTR											
NES(8619).....	2,760	3,285	3,204	4,448	8,229	8,211	8,180	9,313	10,161	12,658	12,083

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

HUNGARY

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	142,474	203,438	261,991	397,446	601,635	573,522	617,337	833,444	1,096,173	1,168,018	1,205,477
HIGH TECHNOLOGY GOODS.....	13,658	17,427	21,185	24,097	39,650	42,798	48,755	85,087	100,428	112,439	96,502
NUCLEAR REACTORS (7117).....											1
CALC MACHINES, COMPUTERS	143	166	152	76	211	51	34	243	136	327	129
(7142).....		1,926	672	272	6,697	1,259	2,038	1,184	1,251	2,033	3,688
STATISTICAL MACHINES(7143)...	2,720										
MACHINE TOOLS FOR METAL		3,000	3,881	4,066	6,529	8,874	13,248	31,767	26,312	44,010	21,702
(7151).....	2,121										
TELECOMMUNICATIONS EQUIP	389	998	1,765	1,712	2,224	2,959	2,296	4,921	5,315	4,900	7,014
(7249).....											
TUBES, TRANSISTORS,		1,949	2,783	4,137	5,529	7,727	4,955	7,690	11,407	11,515	11,052
PHOTOCELLS(7293).....	1,850										
ELECTRICAL MACHINERY, N.E.S.		3,017	3,503	5,092	7,969	8,024	7,886	14,293	17,775	15,578	18,246
(7299).....	2,031	47	63	83	199	140	165	278	385	575	447
OPTICAL ELEMENTS (8611).....	84	184	274	341	170	159	191	403	641	325	270
OPTICAL INSTRUMENTS (8613)...	97										
MEASURING, CONTROL INSTR		2,385	2,759	3,033	3,897	4,565	6,035	7,921	9,119	10,414	10,379
NES(8619).....	1,715										

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

POLAND

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	179,733	224,228	450,546	1,004,825	1,402,662	1,302,294	1,279,574	1,245,708	1,323,335	1,348,390	1,458,052
HIGH TECHNOLOGY GOODS.....	12,829	18,930	48,070	94,012	116,826	94,318	122,613	109,968	157,204	129,803	113,683
CALC MACHINES, COMPUTERS	91	127	457	329	436	816	560	111	397	1,590	338
(7142).....	6	58	669	1,533	3,502	2,147	3,141	2,508	1,857	1,283	1,236
STATISTICAL MACHINES(7143)....											
MACHINE TOOLS FOR METAL											
(7151).....	5,181	9,275	126,280	45,648	61,048	42,012	56,009	54,450	81,228	56,308	38,408
TELECOMMUNICATIONS EQUIP											
(7249).....	761	734	1,445	2,210	1,740	3,592	7,443	9,625	9,802	6,999	4,994
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	688	1,133	1,209	2,635	3,041	1,154	1,630	1,905	2,099	3,041	2,592
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	1,819	2,423	7,356	14,206	17,067	14,562	20,468	14,053	17,079	25,252	24,591
AIRCRAFT HEAVIER THAN AIR											
(7341).....		0	0	0	0	0	7	0	0	0	0
OPTICAL ELEMENTS (8611).....	65	111	125	293	273	169	146	335	657	154	91
OPTICAL INSTRUMENTS (8613)....	111	69	228	510	360	364	641	772	628	858	770
MEASURING, CONTROL INSTR											
NES(8619).....	1,764	2,649	4,516	7,623	7,985	6,470	11,459	6,806	12,457	10,035	11,433

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

ROMANIA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	197,184	194,208	296,714	444,035	713,302	662,047	520,279	640,627	884,078	1,075,515	894,586
HIGH TECHNOLOGY GOODS.....	32,431	26,201	42,276	62,341	69,700	82,896	65,197	95,481	152,204	131,212	66,075
CALC MACHINES, COMPUTERS											
(7142).....	233	191	452	449	138	24	35	50	397	37	7
STATISTICAL MACHINES(7143)...	466	94	78	297	399	891	1,078	642	975	2,328	980
MACHINE TOOLS FOR METAL											
(7151).....	16,375	10,445	16,298	27,503	27,534	33,679	34,053	57,076	72,523	58,473	24,173
TELECOMMUNICATIONS EQUIP											
(7249).....	1,038	1,068	816	1,323	1,770	2,983	1,836	3,778	1,409	2,095	2,174
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	626	713	531	1,569	2,307	1,674	866	1,173	1,346	1,583	1,115
ELEC AND PROTON ACCELERATORS											
(7297).....	-	-	-	-	-	-	0	-	-	-	-
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	6,210	5,185	7,642	8,612	10,146	15,878	7,673	7,971	15,842	24,582	8,825
AIRCRAFT HEAVIER THAN AIR											
(7341).....	-	-	-	0	-	-	-	0	0	-	0
OPTICAL ELEMENTS (8611).....	48	58	78	134	69	144	140	424	611	588	330
OPTICAL INSTRUMENTS (8613)...	127	96	101	174	184	210	84	151	415	726	434
MEASURING, CONTROL INSTR											
NES(8619).....	2,345	3,619	4,610	6,433	8,234	7,469	4,257	6,767	9,074	10,575	8,851

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

ALBANIA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	3,276	3,373	3,932	2,014	13,221	12,960	5,581	17,416	14,824	17,876	20,528
HIGH TECHNOLOGY GOODS.....	98	90	58	61	169	692	69	494	240	2,324	1,562
CALC MACHINES, COMPUTERS (7142).....	-	-	-	-	1	-	1	-	-	-	-
MACHINE TOOLS FOR METAL (7151).....	28	-	1	-	-	44	-	-	-	-	40
TELECOMMUNICATIONS EQUIP (7249).....	1	55	9	4	39	86	3	9	32	21	189
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	1	-	-	13	14	-	2	11	29	19	49
ELECTRICAL MACHINERY, N.E.S. (7299).....	3	8	3	3	15	115	31	430	162	1,192	977
OPTICAL ELEMENTS (8611).....	-	1	9	1	12	56	9	3	-	7	2
OPTICAL INSTRUMENTS (8613)...	2	2	12	6	-	2	-	33	-	75	-
MEASURING, CONTROL INSTR NES(8619).....	16	15	6	7	65	37	18	-	8	398	152

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EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

EXPORTS FOR (WEST GERMANY, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	191,646,732	9,463,834	4,373,332	5,090,502
HIGH TECHNOLOGY GOODS.....	15,851,868	998,417	566,083	432,334
NUCLEAR REACTORS (7117).....	161,216	1	0	1
CALC MACHINES, COMPUTERS (7142).....	116,372	1,428	260	1,168
STATISTICAL MACHINES(7143)...	1,505,879	13,902	2,442	11,460
MACHINE TOOLS FOR METAL (7151).....	2,738,502	533,574	391,062	142,512
TELECOMMUNICATIONS EQUIP (7249).....	2,161,487	25,393	6,101	19,292
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	1,218,262	18,865	1,109	17,756
ELEC AND PROTON ACCELERATORS (7297).....	386	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	1,551,444	171,578	88,227	83,351
AIRCRAFT HEAVIER THAN AIR (7341).....	1,536,464	15	0	15
OPTICAL ELEMENTS (8611).....	191,275	2,734	678	2,056
OPTICAL INSTRUMENTS (8613)...	304,082	9,989	7,537	2,452
MEASURING, CONTROL INSTR NES(8619).....	1,376,005	68,931	22,915	46,016

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EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(PERCENT DISTRIBUTION OF EXPORTS, BY COMMODITY)

EXPORTING COUNTRY:

EXPORTS FOR (WEST GERMANY, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	100.00	100.00	100.00	100.00
HIGH TECHNOLOGY GOODS.....	8.27	10.55	12.94	8.49
NUCLEAR REACTORS (7117).....	.08	.00	.00	.00
CALC MACHINES, COMPUTERS (7142).....	.06	.02	.01	.02
STATISTICAL MACHINES(7143)....	.79	.15	.06	.23
MACHINE TOOLS FOR METAL (7151).....	1.43	5.64	8.94	2.80
TELECOMMUNICATIONS EQUIP (7249).....	1.13	.27	.14	.38
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	.64	.20	.03	.35
ELEC AND PROTON ACCELERATORS (7297).....	.00	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	.81	1.81	2.02	1.64
AIRCRAFT HEAVIER THAN AIR (7341).....	.80	.00	.00	.00
OPTICAL ELEMENTS (8611).....	.10	.03	.02	.04
OPTICAL INSTRUMENTS (8613)....	.16	.11	.17	.05
MEASURING, CONTROL INSTR NES(8619).....	.72	.73	.52	.90

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EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(PERCENT DISTRIBUTION OF EXPORTS, BY PARTNER)

EXPORTING COUNTRY:

EXPORTS FOR (WEST GERMANY, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	100.00	4.94	2.28	2.66
HIGH TECHNOLOGY GOODS.....	100.00	6.30	3.57	2.73
NUCLEAR REACTORS (7117).....	100.00	.00	.00	.00
CALC MACHINES, COMPUTERS (7142).....	100.00	1.23	.22	1.00
STATISTICAL MACHINES(7143)...	100.00	.92	.16	.76
MACHINE TOOLS FOR METAL (7151).....	100.00	19.48	14.28	5.20
TELECOMMUNICATIONS EQUIP (7249).....	100.00	1.17	.28	.89
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	100.00	1.55	.09	1.46
ELEC AND PROTON ACCELERATORS (7297).....	100.00	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	100.00	11.06	5.69	5.37
AIRCRAFT HEAVIER THAN AIR (7341).....	100.00	.00	.00	.00
OPTICAL ELEMENTS (8611).....	100.00	1.43	.35	1.07
OPTICAL INSTRUMENTS (8613)...	100.00	3.28	2.48	.81
MEASURING, CONTROL INSTR NES(8619).....	100.00	5.01	1.67	3.34

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

WEST GERMANY, WORLD

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	34188577	39039592	46207722	67436885	89165480	90021382	102032E3	117932E3	142090E3	171437E3	191647E3
HIGH TECHNOLOGY GOODS.....	2,760409	3,034507	3,868873	5,284692	6,583990	7,242576	8,376963	9,858267	12346164	13844901	15851868
NUCLEAR REACTORS (7117).....	11,896	6,984	14,094	13,274	11,020	21,395	48,913	87,697	257,568	146,167	161,216
CALC MACHINES, COMPUTERS (7142).....	149,670	123,922	127,602	157,474	174,232	163,335	150,672	142,843	131,173	139,111	116,372
STATISTICAL MACHINES(7143)...	90,088	149,532	452,216	468,876	528,347	468,392	642,455	786,708	884,626	1,107295	1,505879
MACHINE TOOLS FOR METAL (7151).....	689,513	739,634	864,621	1,182089	1,567201	1,747798	1,669702	1,771904	2,085607	2,441023	2,738502
TELECOMMUNICATIONS EQUIP (7249).....	411,000	469,278	568,915	780,498	932,917	1,107470	1,317799	1,366493	1,741993	1,923876	2,161487
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	171,474	164,962	230,424	381,562	463,832	434,121	538,112	626,051	850,808	1,025284	1,218262
ELEC AND PROTON ACCELERATORS (7297).....	1,259	1,573	1,507	1,349	157	28	241	2,415	1,908	593	386
ELECTRICAL MACHINERY, N.E.S. (7299).....	316,676	355,896	416,624	603,148	797,844	848,191	1,035233	1,440806	2,052440	1,881715	1,551444
AIRCRAFT HEAVIER THAN AIR (7341).....	56,589	34,953	43,007	74,937	50,394	82,338	365,770	631,866	716,180	1,002297	1,536464
OPTICAL ELEMENTS (8611).....	36,010	42,557	51,085	77,554	92,749	96,747	104,960	118,119	147,910	179,533	191,275
OPTICAL INSTRUMENTS (8613)...	51,245	54,802	59,921	84,820	105,476	113,343	134,892	187,814	250,113	287,006	304,082
MEASURING, CONTROL INSTR NES(8619).....	271,852	299,406	350,771	483,182	594,587	601,362	659,460	783,808	960,615	1,120585	1,376005

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

WEST GERMANY, USSR AND EUROPEAN CEMA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	1,299,684	1,531,225	2,202,975	3,755,496	5,576,196	6,471,045	6,252,583	6,665,289	7,729,739	8,710,688	9,463,834
HIGH TECHNOLOGY GOODS.....	163,468	160,597	295,197	458,034	592,315	720,677	797,074	916,499	1,107,438	1,075,817	998,417
NUCLEAR REACTORS (7117).....	-	2	-	-	7	-	329	-	-	-	1
CALC MACHINES, COMPUTERS											
(7142).....	1,027	1,563	1,586	2,161	1,820	1,915	2,284	1,752	2,153	3,359	1,428
STATISTICAL MACHINES(7143)...	4,528	5,686	4,917	13,715	16,789	18,679	22,202	20,740	25,737	26,330	13,902
MACHINE TOOLS FOR METAL											
(7151).....	94,235	75,539	164,265	266,644	309,152	355,294	447,823	504,561	536,779	534,876	533,574
TELECOMMUNICATIONS EQUIP											
(7249).....	5,635	7,507	14,234	12,653	15,861	20,273	20,024	25,997	29,303	25,981	25,393
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	3,840	4,302	5,566	10,052	13,332	12,924	9,323	13,218	17,887	18,983	18,865
ELEC AND PROTON ACCELERATORS											
(7297).....	196	92	21	60	-	-	0	-	-	-	-
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	22,782	27,116	42,328	56,877	112,748	136,609	111,246	158,014	195,261	217,073	171,578
AIRCRAFT HEAVIER THAN AIR											
(7341).....	36	0	0	47	27	5,012	40	79	51	56	15
OPTICAL ELEMENTS (8611).....	419	778	806	1,427	1,431	2,475	1,858	2,845	3,196	4,964	2,734
OPTICAL INSTRUMENTS (8613)...	722	1,379	1,608	3,275	2,471	4,063	3,984	7,767	6,057	10,335	9,989
MEASURING, CONTROL INSTR											
NES(8619).....	11,586	15,394	20,864	30,225	40,696	40,476	57,180	55,170	58,874	66,477	68,931

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

WEST GERMANY, USSR

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	422,448	460,681	712,208	1,182,643	1,856,084	2,824,386	2,684,725	2,788,769	3,140,650	3,618,619	4,373,332
HIGH TECHNOLOGY GOODS.....	78,741	63,422	142,065	216,519	283,971	384,755	455,219	511,141	545,797	546,342	566,083
NUCLEAR REACTORS (7117).....	-	-	-	-	-	-	329	-	-	-	0
CALC MACHINES, COMPUTERS											
(7142).....	254	686	77	336	355	193	560	356	194	396	260
STATISTICAL MACHINES(7143)...	11	1,702	1,004	5,010	3,550	7,508	7,893	9,717	14,188	12,796	2,442
MACHINE TOOLS FOR METAL											
(7151).....	62,804	44,657	106,769	168,149	185,165	223,979	307,055	319,629	301,286	315,325	391,062
TELECOMMUNICATIONS EQUIP											
(7249).....	1,265	1,321	2,180	1,816	4,920	5,257	3,324	2,643	2,435	6,350	6,101
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	170	124	218	199	670	371	562	852	856	730	1,109
ELEC AND PROTON ACCELERATORS											
(7297).....	196	92	21	60	-	-	-	-	-	-	-
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	7,492	6,875	17,445	21,018	59,249	77,535	57,027	101,790	114,399	119,566	88,227
AIRCRAFT HEAVIER THAN AIR											
(7341).....	36	-	0	-	-	4,975	13	-	-	-	0
OPTICAL ELEMENTS (8611).....	145	369	341	254	446	573	367	578	840	2,305	678
OPTICAL INSTRUMENTS (8613)...	184	809	764	1,713	1,237	2,631	2,155	5,650	3,498	7,673	7,537
MEASURING, CONTROL INSTR											
NES(8619).....	2,676	2,920	5,114	7,466	11,418	11,756	25,431	22,356	16,728	20,453	22,915

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

WEST GERMANY, EUROPEAN CEMA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	877,236	1,070,544	1,490,767	2,572,853	3,720,112	3,646,659	3,567,858	3,876,520	4,589,089	5,092,069	5,090,502
HIGH TECHNOLOGY GOODS.....	84,727	97,175	153,132	241,515	308,344	335,922	341,855	405,358	561,641	529,475	432,334
NUCLEAR REACTORS (7117).....	-	2	-	-	7	-	-	-	-	-	1
CALC MACHINES, COMPUTERS											
(7142).....	773	877	1,509	1,825	1,465	1,722	1,724	1,396	1,959	2,963	1,168
STATISTICAL MACHINES(7143)...	4,517	3,984	3,913	8,705	13,239	11,171	14,309	11,023	11,549	13,534	11,460
MACHINE TOOLS FOR METAL											
(7151).....	31,431	30,882	57,496	98,495	123,987	131,315	140,768	184,932	235,493	219,551	142,512
TELECOMMUNICATIONS EQUIP											
(7249).....	4,370	6,186	12,054	10,837	10,941	15,016	16,700	23,354	26,868	19,631	19,292
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	3,670	4,178	5,348	9,853	12,662	12,553	8,761	12,366	17,031	18,253	17,756
ELEC AND PROTON ACCELERATORS											
(7297).....	-	-	-	-	-	-	0	-	-	-	-
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	15,290	20,241	24,883	35,859	53,499	59,074	54,219	56,224	80,862	97,507	83,351
AIRCRAFT HEAVIER THAN AIR											
(7341).....	0	0	0	47	27	37	27	79	51	56	15
OPTICAL ELEMENTS (8611).....	274	409	465	1,173	985	1,902	1,491	2,267	2,356	2,659	2,056
OPTICAL INSTRUMENTS (8613)...	538	570	844	1,562	1,234	1,432	1,829	2,117	2,559	2,662	2,452
MEASURING, CONTROL INSTR											
NES(8619).....	8,910	12,474	15,750	22,759	29,278	28,720	31,749	32,814	42,146	46,024	46,016

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

BULGARIA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	65,597	73,780	97,212	157,383	298,184	415,910	338,135	291,269	357,092	395,332	477,179
HIGH TECHNOLOGY GOODS.....	3,276	5,392	11,364	11,986	22,102	40,389	33,596	23,687	32,935	30,247	40,207
CALC MACHINES, COMPUTERS (7142).....	27	37	27	50	15	31	28	28	30	18	28
STATISTICAL MACHINES(7143)....	50	7	171	106	239	1,882	593	299	831	334	661
MACHINE TOOLS FOR METAL (7151).....	1,079	1,866	2,341	4,293	8,954	16,298	11,783	7,886	6,890	6,794	14,415
TELECOMMUNICATIONS EQUIP (7249).....	184	726	5,441	2,487	1,075	2,211	3,195	2,422	6,578	2,987	2,077
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	114	195	368	668	698	913	670	584	675	856	1,607
ELECTRICAL MACHINERY, N.E.S. (7299).....	602	842	898	1,730	7,093	9,939	7,321	5,480	12,655	11,233	9,514
OPTICAL ELEMENTS (8611).....	20	47	20	107	91	291	353	620	392	516	608
OPTICAL INSTRUMENTS (8613)....	77	91	19	83	214	158	154	79	80	207	240
MEASURING, CONTROL INSTR NES(8619).....	310	521	655	1,215	868	1,968	1,800	2,007	1,327	1,944	3,118

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

CZECHOSLOVAKIA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	288,972	371,517	380,372	567,150	691,108	679,926	806,952	848,056	913,587	1,086,938	1,034,680
HIGH TECHNOLOGY GOODS.....	22,435	29,135	30,179	49,018	59,897	74,829	71,625	90,641	118,630	123,450	114,305
NUCLEAR REACTORS (7117).....	-	2	-	-	7	-	-	-	-	-	-
CALC MACHINES, COMPUTERS											
(7142).....	279	356	421	921	664	800	1,066	964	999	991	666
STATISTICAL MACHINES(7143)...	1,275	1,899	2,323	6,497	2,402	4,992	7,459	6,390	6,635	7,556	4,895
MACHINE TOOLS FOR METAL											
(7151).....	6,647	6,296	8,695	16,985	19,922	30,408	25,675	33,753	48,540	53,966	43,774
TELECOMMUNICATIONS EQUIP											
(7249).....	1,997	2,605	2,578	3,101	4,093	3,185	1,927	2,599	3,732	2,629	2,844
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	391	188	457	831	1,073	1,085	638	1,003	1,475	1,239	1,341
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	4,625	8,766	5,481	6,216	11,209	10,556	10,840	13,997	17,349	19,670	21,198
AIRCRAFT HEAVIER THAN AIR											
(7341).....	0	0	0	47	27	37	20	79	51	56	15
OPTICAL ELEMENTS (8611).....	57	145	170	555	341	1,102	678	607	311	819	578
OPTICAL INSTRUMENTS (8613)...	124	128	210	448	306	539	759	679	795	471	738
MEASURING, CONTROL INSTR											
NES(8619).....	2,760	3,285	3,204	4,448	8,229	8,211	8,180	9,313	10,161	12,658	12,083

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

HUNGARY

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	142,474	203,438	261,991	397,446	601,635	573,522	617,337	833,444	1,096,173	1,168,018	1,205,477
HIGH TECHNOLOGY GOODS.....	13,658	17,427	21,185	24,097	39,650	42,798	48,755	85,087	100,428	112,439	96,502
NUCLEAR REACTORS (7117).....	-	-	-	-	-	-	-	-	-	-	1
CALC MACHINES, COMPUTERS (7142).....	143	166	152	76	211	51	34	243	136	327	129
STATISTICAL MACHINES(7143)...	2,720	1,926	672	272	6,697	1,259	2,038	1,184	1,251	2,033	3,688
MACHINE TOOLS FOR METAL (7151).....	2,121	3,000	3,881	4,066	6,529	8,874	13,248	31,767	26,312	44,010	21,702
TELECOMMUNICATIONS EQUIP (7249).....	389	998	1,765	1,712	2,224	2,959	2,296	4,921	5,315	4,900	7,014
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	1,850	1,949	2,783	4,137	5,529	7,727	4,955	7,690	11,407	11,515	11,052
ELECTRICAL MACHINERY, N.E.S. (7299).....	2,031	3,017	3,503	5,092	7,969	8,024	7,886	14,293	17,775	15,578	18,246
OPTICAL ELEMENTS (8611).....	84	47	63	83	199	140	165	278	385	575	447
OPTICAL INSTRUMENTS (8613)...	97	184	274	341	170	159	191	403	641	325	270
MEASURING, CONTROL INSTR NES(8619).....	1,715	2,385	2,759	3,033	3,897	4,565	6,035	7,921	9,119	10,414	10,379

See footnotes at end of table.

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- 8 -EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

POLAND

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	179,733	224,228	450,546	1,004,825	1,402,662	1,302,294	1,279,574	1,245,708	1,323,335	1,348,390	1,458,052
HIGH TECHNOLOGY GOODS.....	12,829	18,930	48,070	94,012	116,826	94,318	122,613	109,968	157,204	129,803	113,683
CALC MACHINES, COMPUTERS	91	127	457	329	436	816	560	111	397	1,590	338
(7142).....	6	58	669	1,533	3,502	2,147	3,141	2,508	1,857	1,283	1,236
STATISTICAL MACHINES(7143)...											
MACHINE TOOLS FOR METAL											
(7151).....	5,181	9,275	26,280	45,648	61,048	42,012	56,009	54,450	81,228	56,308	38,408
TELECOMMUNICATIONS EQUIP											
(7249).....	761	734	1,445	2,210	1,740	3,592	7,443	9,625	9,802	6,999	4,994
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	688	1,133	1,209	2,635	3,041	1,154	1,630	1,905	2,099	3,041	2,592
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	1,819	2,423	7,356	14,206	17,067	14,562	20,468	14,053	17,079	25,252	24,591
AIRCRAFT HEAVIER THAN AIR											
(7341).....	-	0	0	-	0	0	7	0	0	0	0
OPTICAL ELEMENTS (8611).....	65	111	125	293	273	169	146	335	657	154	91
OPTICAL INSTRUMENTS (8613)...	111	69	228	510	360	364	641	772	628	858	770
MEASURING, CONTROL INSTR											
NES(8619).....	1,764	2,649	4,516	7,623	7,985	6,470	11,459	6,806	12,457	10,035	11,433

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

ROMANIA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	197,184	194,208	296,714	444,035	713,302	662,047	520,279	640,627	884,078	1,075,515	894,586
HIGH TECHNOLOGY GOODS.....	32,431	26,201	42,276	62,341	69,700	82,896	65,197	95,481	152,204	131,212	66,075
CALC MACHINES, COMPUTERS											
(7142).....	233	191	452	449	138	24	35	50	397	37	7
STATISTICAL MACHINES(7143)...	466	94	78	297	399	891	1,078	642	975	2,328	980
MACHINE TOOLS FOR METAL											
(7151).....	16,375	10,445	16,298	27,503	27,534	33,679	34,053	57,076	72,523	58,473	24,173
TELECOMMUNICATIONS EQUIP											
(7249).....	1,038	1,068	816	1,323	1,770	2,983	1,836	3,778	1,409	2,095	2,174
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	626	713	531	1,569	2,307	1,674	866	1,173	1,346	1,583	1,115
ELEC AND PROTON ACCELERATORS											
(7297).....	-	-	-	-	-	-	0	-	-	-	-
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	6,210	5,185	7,642	8,612	10,146	15,878	7,673	7,971	15,842	24,582	8,825
AIRCRAFT HEAVIER THAN AIR											
(7341).....	-	-	-	0	-	-	-	0	0	-	0
OPTICAL ELEMENTS (8611).....	48	58	78	134	69	144	140	424	611	588	330
OPTICAL INSTRUMENTS (8613)...	127	96	101	174	184	210	84	151	415	726	434
MEASURING, CONTROL INSTR											
NES(8619).....	2,345	3,619	4,610	6,433	8,234	7,469	4,257	6,767	9,074	10,575	8,851

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

ALBANIA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	3,276	3,373	3,932	2,014	13,221	12,960	5,581	17,416	14,824	17,876	20,528
HIGH TECHNOLOGY GOODS.....	98	90	58	61	169	692	69	494	240	2,324	1,562
CALC MACHINES, COMPUTERS (7142).....	-	-	-	-	1	-	1	-	-	-	-
MACHINE TOOLS FOR METAL (7151).....	28	-	1	-	-	44	-	-	-	-	40
TELECOMMUNICATIONS EQUIP (7249).....	1	55	9	4	39	86	3	9	32	21	189
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	1	-	-	13	14	-	2	11	29	19	49
ELECTRICAL MACHINERY, N.E.S. (7299).....	3	8	3	3	15	115	31	430	162	1,192	977
OPTICAL ELEMENTS (8611).....	-	1	9	1	12	56	9	3	-	7	2
OPTICAL INSTRUMENTS (8613).....	2	2	12	6	-	2	-	33	-	75	-
MEASURING, CONTROL INSTR NES(8619).....	16	15	6	7	65	37	18	-	8	398	152

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EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

EXPORTS FOR (WEST GERMANY, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	191,646,732	9,463,834	4,373,332	5,090,502
HIGH TECHNOLOGY GOODS.....	15,851,868	998,417	566,083	432,334
NUCLEAR REACTORS (7117).....	161,216	1	0	1
CALC MACHINES, COMPUTERS (7142).....	116,372	1,428	260	1,168
STATISTICAL MACHINES(7143)...	1,505,879	13,902	2,442	11,460
MACHINE TOOLS FOR METAL (7151).....	2,738,502	533,574	391,062	142,512
TELECOMMUNICATIONS EQUIP (7249).....	2,161,487	25,393	6,101	19,292
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	1,218,262	18,865	1,109	17,756
ELEC AND PROTON ACCELERATORS (7297).....	386	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	1,551,444	171,578	88,227	83,351
AIRCRAFT HEAVIER THAN AIR (7341).....	1,536,464	15	0	15
OPTICAL ELEMENTS (8611).....	191,275	2,734	678	2,056
OPTICAL INSTRUMENTS (8613)...	304,082	9,989	7,537	2,452
MEASURING, CONTROL INSTR NES(8619).....	1,376,005	68,931	22,915	46,016

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EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(PERCENT DISTRIBUTION OF EXPORTS, BY COMMODITY)

EXPORTING COUNTRY:

EXPORTS FOR (WEST GERMANY, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	100.00	100.00	100.00	100.00
HIGH TECHNOLOGY GOODS.....	8.27	10.55	12.94	8.49
NUCLEAR REACTORS (7117).....	.08	.00	.00	.00
CALC MACHINES, COMPUTERS (7142).....	.06	.02	.01	.02
STATISTICAL MACHINES(7143)....	.79	.15	.06	.23
MACHINE TOOLS FOR METAL (7151).....	1.43	5.64	8.94	2.80
TELECOMMUNICATIONS EQUIP (7249).....	1.13	.27	.14	.38
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	.64	.20	.03	.35
ELEC AND PROTON ACCELERATORS (7297).....	.00	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	.81	1.81	2.02	1.64
AIRCRAFT HEAVIER THAN AIR (7341).....	.80	.00	.00	.00
OPTICAL ELEMENTS (8611).....	.10	.03	.02	.04
OPTICAL INSTRUMENTS (8613)....	.16	.11	.17	.05
MEASURING, CONTROL INSTR NES(8619).....	.72	.73	.52	.90

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EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(PERCENT DISTRIBUTION OF EXPORTS, BY PARTNER)

EXPORTING COUNTRY:

EXPORTS FOR (WEST GERMANY, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	100.00	4.94	2.28	2.66
HIGH TECHNOLOGY GOODS.....	100.00	6.30	3.57	2.73
NUCLEAR REACTORS (7117).....	100.00	.00	.00	.00
CALC MACHINES, COMPUTERS (7142).....	100.00	1.23	.22	1.00
STATISTICAL MACHINES(7143)...	100.00	.92	.16	.76
MACHINE TOOLS FOR METAL (7151).....	100.00	19.48	14.28	5.20
TELECOMMUNICATIONS EQUIP (7249).....	100.00	1.17	.28	.89
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	100.00	1.55	.09	1.46
ELEC AND PROTON ACCELERATORS (7297).....	100.00	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	100.00	11.06	5.69	5.37
AIRCRAFT HEAVIER THAN AIR (7341).....	100.00	.00	.00	.00
OPTICAL ELEMENTS (8611).....	100.00	1.43	.35	1.07
OPTICAL INSTRUMENTS (8613)...	100.00	3.28	2.48	.81
MEASURING, CONTROL INSTR NES(8619).....	100.00	5.01	1.67	3.34

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EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

EXPORTS FOR (UNITED STATES, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	216,916,389	3,859,555	1,512,787	2,346,768
HIGH TECHNOLOGY GOODS.....	16,792,626	109,383	57,006	52,377
NUCLEAR REACTORS (7117).....	389,804	-	-	-
CALC MACHINES, COMPUTERS (7142).....	132,381	39	1	38
STATISTICAL MACHINES(7143)...	4,616,405	14,572	258	14,314
MACHINE TOOLS FOR METAL (7151).....	830,541	33,692	25,699	7,993
TELECOMMUNICATIONS EQUIP (7249).....	2,673,283	11,659	4,897	6,762
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	2,354,688	3,471	114	3,357
ELEC AND PROTON ACCELERATORS (7297).....	26,883	69	66	3
ELECTRICAL MACHINERY, N.E.S. (7299).....	1,712,468	18,604	9,941	8,663
AIRCRAFT HEAVIER THAN AIR (7341).....	35,659	0	-	0
WARSHIPS (7351).....	14,520	-	-	-
OPTICAL ELEMENTS (8611).....	92,475	392	33	359
OPTICAL INSTRUMENTS (8613)...	153,679	342	108	234
MEASURING, CONTROL INSTR NES(8619).....	961,682	9,293	5,801	3,492

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EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(PERCENT DISTRIBUTION OF EXPORTS, BY PARTNER)

EXPORTING COUNTRY:

EXPORTS FOR (UNITED STATES, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	100.00	1.78	0.70	1.08
HIGH TECHNOLOGY GOODS.....	100.00	.65	.34	.31
NUCLEAR REACTORS (7117).....	100.00	-	-	-
CALC MACHINES, COMPUTERS (7142).....	100.00	.03	.00	.03
STATISTICAL MACHINES(7143)...	100.00	.32	.01	.31
MACHINE TOOLS FOR METAL (7151).....	100.00	4.06	3.09	.96
TELECOMMUNICATIONS EQUIP (7249).....	100.00	.44	.18	.25
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	100.00	.15	.00	.14
ELEC AND PROTON ACCELERATORS (7297).....	100.00	.26	.25	.01
ELECTRICAL MACHINERY, N.E.S. (7299).....	100.00	1.09	.58	.51
AIRCRAFT HEAVIER THAN AIR (7341).....	100.00	.00	-	.00
WARSHIPS (7351).....	100.00	-	-	-
OPTICAL ELEMENTS (8611).....	100.00	.42	.04	.39
OPTICAL INSTRUMENTS (8613)...	100.00	.22	.07	.15
MEASURING, CONTROL INSTR NES(8619).....	100.00	.97	.60	.36

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- 1 -EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(PERCENT DISTRIBUTION OF EXPORTS, BY COMMODITY)

EXPORTING COUNTRY:

EXPORTS FOR (WEST GERMANY, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	100.00	100.00	100.00	100.00
HIGH TECHNOLOGY GOODS.....	8.27	10.55	12.94	8.49
NUCLEAR REACTORS (7117).....	.08	.00	.00	.00
CALC MACHINES, COMPUTERS (7142).....	.06	.02	.01	.02
STATISTICAL MACHINES(7143)...	.79	.15	.06	.23
MACHINE TOOLS FOR METAL (7151).....	1.43	5.64	8.94	2.80
TELECOMMUNICATIONS EQUIP (7249).....	1.13	.27	.14	.38
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	.64	.20	.03	.35
ELEC AND PROTON ACCELERATORS (7297).....	.00	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	.81	1.81	2.02	1.64
AIRCRAFT HEAVIER THAN AIR (7341).....	.80	.00	.00	.00
OPTICAL ELEMENTS (8611).....	.10	.03	.02	.04
OPTICAL INSTRUMENTS (8613)...	.16	.11	.17	.05
MEASURING, CONTROL INSTR NES(8619).....	.72	.73	.52	.90

- Data not available.

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EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(PERCENT DISTRIBUTION OF EXPORTS, BY COMMODITY)

EXPORTING COUNTRY:

EXPORTS FOR (UNITED STATES, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	100.00	100.00	100.00	100.00
HIGH TECHNOLOGY GOODS.....	7.74	2.83	3.77	2.23
NUCLEAR REACTORS (7117).....	.18			
CALC MACHINES, COMPUTERS (7142).....	.06	.00	.00	.00
STATISTICAL MACHINES(7143)....	2.13	.38	.02	.61
MACHINE TOOLS FOR METAL (7151).....	.38	.87	1.70	.34
TELECOMMUNICATIONS EQUIP (7249).....	1.23	.30	.32	.29
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	1.09	.09	.01	.14
ELEC AND PROTON ACCELERATORS (7297).....	.01	.00	.00	.00
ELECTRICAL MACHINERY, N.E.S. (7299).....	.79	.48	.66	.37
AIRCRAFT HEAVIER THAN AIR (7341).....	.02	.00		.00
WARSHIPS (7351).....	.01			
OPTICAL ELEMENTS (8611).....	.04	.01	.00	.02
OPTICAL INSTRUMENTS (8613)...	.07	.01	.01	.01
MEASURING, CONTROL INSTR NES(8619).....	.44	.24	.38	.15

- Data not available.

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EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

EXPORTS FOR (WEST GERMANY, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	191,646,732	9,463,834	4,373,332	5,090,502
HIGH TECHNOLOGY GOODS.....	15,851,868	998,417	566,083	432,334
NUCLEAR REACTORS (7117).....	161,216	1	0	1
CALC MACHINES, COMPUTERS (7142).....	116,372	1,428	260	1,168
STATISTICAL MACHINES(7143)...	1,505,879	13,902	2,442	11,460
MACHINE TOOLS FOR METAL (7151).....	2,738,502	533,574	391,062	142,512
TELECOMMUNICATIONS EQUIP. (7249).....	2,161,487	25,393	6,101	19,292
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	1,218,262	18,865	1,109	17,756
ELEC AND PROTON ACCELERATORS (7297).....	386	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	1,551,444	171,578	88,227	83,351
AIRCRAFT HEAVIER THAN AIR (7341).....	1,536,464	15	0	15
OPTICAL ELEMENTS (8611).....	191,275	2,734	678	2,056
OPTICAL INSTRUMENTS (8613)...	304,082	9,989	7,537	2,452
MEASURING, CONTROL INSTR NES(8619).....	1,376,005	68,931	22,915	46,016

- Data not available.

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EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

EXPORTS FOR (JAPAN, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	129,542,322	3,585,392	2,778,231	807,161
HIGH TECHNOLOGY GOODS.....	12,614,104	300,249	188,629	111,620
NUCLEAR REACTORS (7117).....	2,576	-	-	-
CALC MACHINES, COMPUTERS (7142).....	1,104,035	2,467	873	1,594
STATISTICAL MACHINES(7143)...	542,052	13,752	11,090	2,662
MACHINE TOOLS FOR METAL (7151).....	1,453,929	79,822	66,944	12,878
TELECOMMUNICATIONS EQUIP (7249).....	3,423,843	17,519	6,450	11,069
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	2,306,942	9,801	1,110	8,691
ELEC AND PROTON ACCELERATORS (7297).....	720	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	1,174,105	105,685	50,901	54,784
AIRCRAFT HEAVIER THAN AIR (7341).....	25,052	0	0	0
OPTICAL ELEMENTS (8611).....	702,437	1,317	918	399
OPTICAL INSTRUMENTS (8613)...	247,383	3,638	2,128	1,510
MEASURING, CONTROL INSTR NES(8619).....	411,627	12,535	8,486	4,049

- Data not available.

EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(PERCENT DISTRIBUTION OF EXPORTS, BY COMMODITY)

EXPORTING COUNTRY:

EXPORTS FOR (FRANCE, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	100.00	100.00	100.00	100.00
HIGH TECHNOLOGY GOODS.....	6.95	10.04	9.79	10.33
NUCLEAR REACTORS (7117).....	.17	.06	-	.13
CALC MACHINES, COMPUTERS (7142).....	.03	.00	.00	.00
STATISTICAL MACHINES(7143)...	.83	.50	.56	.44
MACHINE TOOLS FOR METAL (7151).....	.47	3.30	2.73	3.94
TELECOMMUNICATIONS EQUIP (7249).....	1.03	.24	.07	.44
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	.68	.50	.10	.95
ELEC AND PROTON ACCELERATORS (7297).....	.01	.00	-	.00
ELECTRICAL MACHINERY, N.E.S. (7299).....	.53	1.59	.92	2.34
AIRCRAFT HEAVIER THAN AIR (7341).....	1.37	-	-	-
OPTICAL ELEMENTS (8611).....	.09	.01	.01	.01
OPTICAL INSTRUMENTS (8613)...	.04	.03	.04	.03
MEASURING, CONTROL INSTR NES(8619).....	.51	.71	.81	.59

- Data not available.

EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(PERCENT DISTRIBUTION OF EXPORTS, BY COMMODITY)

EXPORTING COUNTRY:

EXPORTS FOR (JAPAN, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	100.00	100.00	100.00	100.00
HIGH TECHNOLOGY GOODS.....	9.74	8.37	6.79	13.83
NUCLEAR REACTORS (7117).....	.00	-	-	-
CALC MACHINES, COMPUTERS (7142).....	.85	.07	.03	.20
STATISTICAL MACHINES(7143)...	.42	.38	.40	.33
MACHINE TOOLS FOR METAL (7151).....	1.12	2.23	2.41	1.60
TELECOMMUNICATIONS EQUIP (7249).....	2.64	.49	.23	1.37
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	1.78	.27	.04	1.08
ELEC AND PROTON ACCELERATORS (7297).....	.00	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	.91	2.95	1.83	6.79
AIRCRAFT HEAVIER THAN AIR (7341).....	.02	.00	.00	.00
OPTICAL ELEMENTS (8611).....	.54	.04	.03	.05
OPTICAL INSTRUMENTS (8613)...	.19	.10	.08	.19
MEASURING, CONTROL INSTR NES(8619).....	.32	.35	.31	.50

- Data not available.

EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(PERCENT DISTRIBUTION OF EXPORTS, BY PARTNER)

EXPORTING COUNTRY:

EXPORTS FOR (JAPAN, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	100.00	2.77	2.14	0.62
HIGH TECHNOLOGY GOODS.....	100.00	2.38	1.50	.88
NUCLEAR REACTORS (7117).....	100.00			
CALC MACHINES, COMPUTERS (7142).....	100.00	.22	.08	.14
STATISTICAL MACHINES(7143)...	100.00	2.54	2.05	.49
MACHINE TOOLS FOR METAL (7151).....	100.00	5.49	4.60	.89
TELECOMMUNICATIONS EQUIP (7249).....	100.00	.51	.19	.32
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	100.00	.42	.05	.38
ELEC AND PROTON ACCELERATORS (7297).....	100.00			
ELECTRICAL MACHINERY, N.E.S. (7299).....	100.00	9.00	4.34	4.67
AIRCRAFT HEAVIER THAN AIR (7341).....	100.00	.00	.00	.00
OPTICAL ELEMENTS (8611).....	100.00	.19	.13	.06
OPTICAL INSTRUMENTS (8613)...	100.00	1.47	.86	.61
MEASURING, CONTROL INSTR NES(8619).....	100.00	3.05	2.06	.98

- Data not available.

EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

EXPORTS FOR (UNITED KINGDOM, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	114,380,488	2,631,098	1,058,945	1,572,153
HIGH TECHNOLOGY GOODS.....	10,106,313	206,976	85,590	121,386
NUCLEAR REACTORS (7117).....	21,919	-	-	-
CALC MACHINES, COMPUTERS (7142).....	53,006	458	-	458
STATISTICAL MACHINES(7143)....	1,422,366	21,978	14,373	7,605
MACHINE TOOLS FOR METAL (7151).....	674,043	42,813	19,211	23,602
TELECOMMUNICATIONS EQUIP (7249).....	1,178,264	11,953	1,549	10,404
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	684,895	5,890	197	5,693
ELFC AND PROTON ACCELERATORS (7297).....	229	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	823,791	58,666	32,599	26,067
AIRCRAFT HEAVIER THAN AIR (7341).....	2,824,953	-	-	-
WARSHIPS (7351).....	137,739	-	-	-
OPTICAL ELEMENTS (8611).....	43,587	518	84	434
OPTICAL INSTRUMENTS (8613)....	64,090	1,990	595	1,395
MEASURING, CONTROL INSTR NES(8619).....	740,789	26,215	9,207	17,008

- Data not available.

EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(PERCENT DISTRIBUTION OF EXPORTS, BY COMMODITY)

EXPORTING COUNTRY:

EXPORTS FOR (UNITED KINGDOM, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	100.00	100.00	100.00	100.00
HIGH TECHNOLOGY GOODS.....	8.84	7.87	8.08	7.72
NUCLEAR REACTORS (7117).....	.02	-	-	-
CALC MACHINES, COMPUTERS (7142).....	.05	.02	-	.03
STATISTICAL MACHINES(7143)...	1.24	.84	1.36	.48
MACHINE TOOLS FOR METAL (7151).....	.59	1.63	1.81	1.50
TELECOMMUNICATIONS EQUIP (7249).....	1.03	.45	.15	.66
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	.60	.22	.02	.36
ELEC AND PROTON ACCELERATORS (7297).....	.00	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	.72	2.23	3.08	1.66
AIRCRAFT HEAVIER THAN AIR (7341).....	2.47	-	-	-
WARSHIPS (7351).....	.12	-	-	-
OPTICAL ELEMENTS (8611).....	.04	.02	.01	.03
OPTICAL INSTRUMENTS (8613)...	.06	.08	.06	.09
MEASURING, CONTROL INSTR NES(8619).....	.65	1.00	.87	1.08

- Data not available.

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EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(PERCENT DISTRIBUTION OF EXPORTS, BY PARTNER)

EXPORTING COUNTRY:

EXPORTS FOR (UNITED KINGDOM, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	100.00	2.30	0.93	1.37
HIGH TECHNOLOGY GOODS.....	100.00	2.05	.85	1.20
NUCLEAR REACTORS (7117).....	100.00	-	-	-
CALC MACHINES, COMPUTERS (7142).....	100.00	.86	-	.86
STATISTICAL MACHINES(7143)....	100.00	1.55	1.01	.53
MACHINE TOOLS FOR METAL (7151).....	100.00	6.35	2.85	3.50
TELECOMMUNICATIONS EQUIP (7249).....	100.00	1.01	.13	.88
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	100.00	.86	.03	.83
ELEC AND PROTON ACCELERATORS (7297).....	100.00	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	100.00	7.12	3.96	3.16
AIRCRAFT HEAVIER THAN AIR (7341).....	100.00	-	-	-
WARSHIPS (7351).....	100.00	-	-	-
OPTICAL ELEMENTS (8611).....	100.00	1.19	.19	1.00
OPTICAL INSTRUMENTS (8613)...	100.00	3.11	.93	2.18
MEASURING, CONTROL INSTR NES(8619).....	100.00	3.54	1.24	2.30

- Data not available.

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EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(PERCENT DISTRIBUTION OF EXPORTS, BY PARTNER)

EXPORTING COUNTRY:

EXPORTS FOR (WEST GERMANY, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	100.00	4.94	2.28	2.66
HIGH TECHNOLOGY GOODS.....	100.00	6.30	3.57	2.73
NUCLEAR REACTORS (7117).....	100.00	.00	.00	.00
CALC MACHINES, COMPUTERS (7142).....	100.00	1.23	.22	1.00
STATISTICAL MACHINES(7143)....	100.00	.92	.16	.76
MACHINE TOOLS FOR METAL (7151).....	100.00	19.48	14.28	5.20
TELECOMMUNICATIONS EQUIP (7249).....	100.00	1.17	.28	.89
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	100.00	1.55	.09	1.46
ELEC AND PROTON ACCELERATORS (7297).....	100.00	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	100.00	11.06	5.69	5.37
AIRCRAFT HEAVIER THAN AIR (7341).....	100.00	.00	.00	.00
OPTICAL ELEMENTS (8611).....	100.00	1.43	.35	1.07
OPTICAL INSTRUMENTS (8613)....	100.00	3.28	2.48	.81
MEASURING, CONTROL INSTR NES(8619).....	100.00	5.01	1.67	3.34

- Data not available.

EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

EXPORTS FOR (FRANCE, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	110,865,474	4,648,568	2,463,812	2,184,756
HIGH TECHNOLOGY GOODS.....	7,707,336	466,873	241,164	225,709
NUCLEAR REACTORS (7117).....	192,257	2,819	-	2,819
CALC MACHINES, COMPUTERS (7142).....	27,999	139	101	38
STATISTICAL MACHINES(7143)...	918,010	23,231	13,691	9,540
MACHINE TOOLS FOR METAL (7151).....	515,583	153,247	67,174	86,073
TELECOMMUNICATIONS EQUIP (7249).....	1,144,790	11,285	1,719	9,566
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	753,232	23,113	2,433	20,680
ELEC AND PROTON ACCELERATORS (7297).....	5,921	0	-	0
ELECTRICAL MACHINERY, N.E.S. (7299).....	586,480	73,914	22,769	51,145
AIRCRAFT HEAVIER THAN AIR (7341).....	1,516,950	-	-	-
OPTICAL ELEMENTS (8611).....	104,733	280	138	142
OPTICAL INSTRUMENTS (8613)...	41,743	1,518	876	642
MEASURING, CONTROL INSTR NES(8619).....	567,574	32,836	19,973	12,863

- Data not available.

EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(PERCENT DISTRIBUTION OF EXPORTS, BY PARTNER)

EXPORTING COUNTRY:

EXPORTS FOR (FRANCE, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	100.00	4.19	2.22	1.97
HIGH TECHNOLOGY GOODS.....	100.00	6.06	3.13	2.93
NUCLEAR REACTORS (7117).....	100.00	1.47	-	1.47
CALC MACHINES, COMPUTERS (7142).....	100.00	.50	.36	.14
STATISTICAL MACHINES(7143)...	100.00	2.53	1.49	1.04
MACHINE TOOLS FOR METAL (7151).....	100.00	29.72	13.03	16.69
TELECOMMUNICATIONS EQUIP (7249).....	100.00	.99	.15	.84
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	100.00	3.07	.32	2.75
ELEC AND PROTON ACCELERATORS (7297).....	100.00	.00	-	.00
ELECTRICAL MACHINERY, N.E.S. (7299).....	100.00	12.60	3.88	8.72
AIRCRAFT HEAVIER THAN AIR (7341).....	100.00	-	-	-
OPTICAL ELEMENTS (8611).....	100.00	.27	.13	.14
OPTICAL INSTRUMENTS (8613)...	100.00	3.64	2.10	1.54
MEASURING, CONTROL INSTR NES(8619).....	100.00	5.79	3.52	2.27

- Data not available.

EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

EXPORTS FOR (SWEDEN, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	30,787,531	1,197,103	420,236	776,867
HIGH TECHNOLOGY GOODS.....	2,686,664	103,878	53,177	50,701
NUCLEAR REACTORS (7117).....	75,599	-	-	-
CALC MACHINES, COMPUTERS (7142).....	45,365	412	53	359
STATISTICAL MACHINES(7143)...	418,134	1,933	136	1,797
MACHINE TOOLS FOR METAL (7151).....	180,840	11,541	7,474	4,067
TELECOMMUNICATIONS EQUIP (7249).....	992,163	5,108	956	4,152
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	31,414	263	7	256
ELEC AND PROTON ACCELERATORS (7297).....	3,201	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	242,089	51,108	34,404	16,704
AIRCRAFT HEAVIER THAN AIR (7341).....	5,603	0	-	0
WARSHIPS (7351).....	20,801	-	-	-
OPTICAL ELEMENTS (8611).....	4,648	52	25	27
OPTICAL INSTRUMENTS (8613)...	12,111	140	0	140
MEASURING, CONTROL INSTR NES(8619).....	161,125	11,154	6,909	4,245

- Data not available.

EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(PERCENT DISTRIBUTION OF EXPORTS, BY COMMODITY)

EXPORTING COUNTRY:

EXPORTS FOR (SWEDEN, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	100.00	100.00	100.00	100.00
HIGH TECHNOLOGY GOODS.....	8.73	8.68	12.65	6.53
NUCLEAR REACTORS (7117).....	.25			
CALC MACHINES, COMPUTERS (7142).....	.15	.03	.01	.05
STATISTICAL MACHINES(7143)...	1.36	.16	.03	.23
MACHINE TOOLS FOR METAL (7151).....	.59	.96	1.78	.52
TELECOMMUNICATIONS EQUIP (7249).....	3.22	.43	.23	.53
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	.10	.02	.00	.03
ELEC AND PROTON ACCELERATORS (7297).....	.01			
ELECTRICAL MACHINERY, N.E.S. (7299).....	.79	4.27	8.19	2.15
AIRCRAFT HEAVIER THAN AIR (7341).....	.02	.00		.00
MISSILES (7551).....	.07			.00
OPTICAL ELEMENTS (8611).....	.02	.00	.01	.00
OPTICAL INSTRUMENTS (8613)...	.04	.01	.00	.02
MEASURING, CONTROL INSTR NES(8619).....	.52	.93	1.64	.55

- Data not available.

EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(PERCENT DISTRIBUTION OF EXPORTS, BY PARTNER)

EXPORTING COUNTRY:

EXPORTS FOR (SWEDEN, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	100.00	3.89	1.36	2.52
HIGH TECHNOLOGY GOODS.....	100.00	3.87	1.98	1.89
NUCLEAR REACTORS (7117).....	100.00	-	-	-
CALC MACHINES, COMPUTERS (7142).....	100.00	.91	.12	.79
STATISTICAL MACHINES(7143)...	100.00	.46	.03	.43
MACHINE TOOLS FOR METAL (7151).....	100.00	6.38	4.13	2.25
TELECOMMUNICATIONS EQUIP (7249).....	100.00	.51	.10	.42
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	100.00	.84	.02	.81
ELEC AND PROTON ACCELERATORS (7297).....	100.00	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	100.00	21.11	14.21	6.90
AIRCRAFT HEAVIER THAN AIR (7341).....	100.00	.00	-	.00
WARSHIPS (7351).....	100.00	-	-	-
OPTICAL ELEMENTS (8611).....	100.00	1.12	.54	.58
OPTICAL INSTRUMENTS (8613)...	100.00	1.16	.00	1.16
MEASURING, CONTROL INSTR NES(8619).....	100.00	6.92	4.29	2.63

- Data not available.

EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

EXPORTS FOR (CANADA, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	63,105,060	1,773,112	1,314,830	458,282
HIGH TECHNOLOGY GOODS.....	1,488,008	24,203	23,070	1,133
NUCLEAR REACTORS (7117).....	0	-	-	-
CALC MACHINES, COMPUTERS (7142).....	66,093	-	-	-
STATISTICAL MACHINES(7143)...	0	-	-	-
MACHINE TOOLS FOR METAL (7151).....	147,258	133	94	39
TELECOMMUNICATIONS EQUIP (7249).....	259,623	12	-	12
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	0	0	0	-
ELEC AND PROTON ACCELERATORS (7297).....	0	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	2,431	0	-	0
AIRCRAFT HEAVIER THAN AIR (7341).....	855,728	158	66	92
WARSHIPS (7351).....	0	-	-	-
OPTICAL ELEMENTS (8611).....	7,911	0	0	0
OPTICAL INSTRUMENTS (8613)...	2,239	0	0	0
MEASURING, CONTROL INSTR NES(8619).....	81,847	2,138	1,288	850

- Data not available.

EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(PERCENT DISTRIBUTION OF EXPORTS, BY COMMODITY)

EXPORTING COUNTRY:

EXPORTS FOR (CANADA, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	100.00	100.00	100.00	100.00
HIGH TECHNOLOGY GOODS.....	2.36	1.37	1.75	.25
NUCLEAR REACTORS (7117).....	.00	-	-	-
CALC MACHINES, COMPUTERS (7142).....	.10	-	-	-
STATISTICAL MACHINES(7143)...	.00	-	-	-
MACHINE TOOLS FOR METAL (7151).....	.23	.01	.01	.01
TELECOMMUNICATIONS EQUIP (7249).....	.41	.00	-	.00
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	.00	.00	.00	-
ELEC AND PROTON ACCELERATORS (7237).....	.00	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	.00	.00	-	.00
AIRCRAFT HEAVIER THAN AIR (7341).....	1.36	.01	.01	.02
WARSHIPS (7351).....	.00	-	-	-
OPTICAL ELEMENTS (8611).....	.01	.00	.00	.00
OPTICAL INSTRUMENTS (8613)...	.00	.00	.00	.00
MEASURING, CONTROL INSTR NES(8619).....	.13	.12	.10	.19

- Data not available.

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EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(PERCENT DISTRIBUTION OF EXPORTS, BY PARTNER)

EXPORTING COUNTRY:

EXPORTS FOR (CANADA, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	100.00	2.81	2.08	0.73
HIGH TECHNOLOGY GOODS.....	100.00	1.63	1.55	.08
NUCLEAR REACTORS (7117).....	.00	-	-	-
CALC MACHINES, COMPUTERS (7142).....	100.00	-	-	-
STATISTICAL MACHINES(7143)...	.00	-	-	-
MACHINE TOOLS FOR METAL (7151).....	100.00	.09	.06	.03
TELECOMMUNICATIONS EQUIP (7249).....	100.00	.00	-	.00
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	.00	.00	.00	-
ELEC AND PROTON ACCELERATORS (7297).....	.00	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	100.00	.00	-	.00
AIRCRAFT HEAVIER THAN AIR (7341).....	100.00	.02	.01	.01
WARSHIPS (7351).....	.00	-	-	-
OPTICAL ELEMENTS (8611).....	100.00	.00	.00	.00
OPTICAL INSTRUMENTS (8613)...	100.00	.00	.00	.00
MEASURING, CONTROL INSTR NES(8619).....	100.00	2.61	1.57	1.04

- Data not available.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

POLAND

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	81,177	84,241	151,903	266,613	373,925	626,605	749,461	482,703	504,288	605,747	830,967
HIGH TECHNOLOGY GOODS.....	5,771	5,254	10,809	27,973	36,727	66,983	88,355	47,837	36,568	48,987	47,653
CALC MACHINES, COMPUTERS											
(7142).....	31	36	43	511	628	129	53	15	72	3	13
STATISTICAL MACHINES(7143)...	26	373	584	3,094	3,143	2,247	6,881	1,209	2,668	4,055	2,357
MACHINE TOOLS FOR METAL											
(7151).....	1,350	700	3,572	5,486	11,046	19,460	35,439	11,573	9,599	8,261	16,324
TELECOMMUNICATIONS EQUIP											
(7249).....	292	295	728	804	4,642	12,936	12,115	5,673	3,012	2,632	1,316
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	1,203	707	623	3,021	3,912	3,973	2,434	3,165	2,409	3,373	4,061
ELEC AND PROTON ACCELERATORS											
(7297).....	-	-	-	17	-	-	273	643	528	528	0
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	611	1,195	2,034	5,663	4,021	13,412	9,377	8,372	3,561	2,753	8,602
AIRCRAFT HEAVIER THAN AIR											
(7341).....	-	-	0	-	30	20	20	76	0	-	-
OPTICAL ELEMENTS (8611).....	5	8	28	33	38	49	42	23	44	13	4
OPTICAL INSTRUMENTS (8613)...	1	82	67	116	59	39	94	114	23	22	9
MEASURING, CONTROL INSTR											
NES(8619).....	445	350	479	1,419	1,206	2,279	3,733	4,597	3,117	2,291	3,308

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

ROMANIA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	82,028	111,420	135,248	169,369	183,579	202,400	258,935	274,460	351,423	553,335	465,137
HIGH TECHNOLOGY GOODS.....	13,115	21,267	13,889	24,573	19,360	21,966	21,106	28,723	82,527	140,277	80,654
NUCLEAR REACTORS (7117).....										9,235	2,819
CALC MACHINES, COMPUTERS (7142).....	2,218	2,764	1,284			0	0	1	4	4	18
STATISTICAL MACHINES(7143)...	82	249	646	2,646	5,319	5,161	2,388	1,339	73	365	2,545
MACHINE TOOLS FOR METAL (7151).....	2,205	7,681	2,430	7,278	2,612	2,914	5,994	9,657	55,854	72,146	34,466
TELECOMMUNICATIONS EQUIP (7249).....	210	175	215	1,469	1,319	246	886	2,978	3,723	856	3,427
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	688	804	512	745	1,160	728	1,449	1,610	1,560	1,318	1,436
ELECTRICAL MACHINERY, N.E.S. (7299).....	3,380	2,811	2,255	1,674	1,725	3,471	4,345	5,901	5,484	35,422	22,503
AIRCRAFT HEAVIER THAN AIR (7341).....	1,720	1,311		1,290	1,513	0	0		0	5,413	
OPTICAL ELEMENTS (8611).....	1	3	7	21	3	26	1		20	18	92
OPTICAL INSTRUMENTS (8613)...	17	15	22	9	18	19	24	4	22	1	7
MEASURING, CONTROL INSTR NES(8619).....	990	1,122	1,061	1,833	968	2,639	2,751	1,997	3,162	7,290	6,589

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(PERCENT DISTRIBUTION OF EXPORTS, BY COMMODITY)

EXPORTING COUNTRY:

EXPORTS FOR (FRANCE, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	100.00	100.00	100.00	100.00
HIGH TECHNOLOGY GOODS.....	6.95	10.04	9.79	10.33
NUCLEAR REACTORS (7117).....	.17	.06	-	.13
CALC MACHINES, COMPUTERS (7142).....	.03	.00	.00	.00
STATISTICAL MACHINES(7143)...	.83	.50	.56	.44
MACHINE TOOLS FOR METAL (7151).....	.47	3.30	2.73	3.94
TELECOMMUNICATIONS EQUIP (7249).....	1.03	.24	.07	.44
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	.68	.50	.10	.95
ELEC AND PROTON ACCELERATORS (7297).....	.01	.00	-	.00
ELECTRICAL MACHINERY, N.E.S. (7299).....	.53	1.59	.92	2.34
AIRCRAFT HEAVIER THAN AIR (7341).....	1.37	-	-	-
OPTICAL ELEMENTS (8611).....	.09	.01	.01	.01
OPTICAL INSTRUMENTS (8613)...	.04	.03	.04	.03
MEASURING, CONTROL INSTR NES(8619).....	.51	.71	.81	.59

- Data not available.

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EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(PERCENT DISTRIBUTION OF EXPORTS, BY PARTNER)

EXPORTING COUNTRY:

EXPORTS FOR (FRANCE, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	100.00	4.19	2.22	1.97
HIGH TECHNOLOGY GOODS.....	100.00	6.06	3.13	2.93
NUCLEAR REACTORS (7117).....	100.00	1.47	-	1.47
CALC MACHINES, COMPUTERS (7142).....	100.00	.50	.36	.14
STATISTICAL MACHINES(7143)....	100.00	2.53	1.49	1.04
MACHINE TOOLS FOR METAL (7151).....	100.00	29.72	13.03	16.69
TELECOMMUNICATIONS EQUIP (7249).....	100.00	.99	.15	.84
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	100.00	3.07	.32	2.75
ELEC AND PROTON ACCELERATORS (7297).....	100.00	.00	-	.00
ELECTRICAL MACHINERY, N.E.S. (7299).....	100.00	12.60	3.88	8.72
AIRCRAFT HEAVIER THAN AIR (7341).....	100.00	-	-	-
OPTICAL ELEMENTS (8611).....	100.00	.27	.13	.14
OPTICAL INSTRUMENTS (8613)....	100.00	3.64	2.10	1.54
MEASURING, CONTROL INSTR NES(8619).....	100.00	5.79	3.52	2.27

- Data not available.

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EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(PERCENT DISTRIBUTION OF EXPORTS, BY PARTNER)

EXPORTING COUNTRY:

EXPORTS FOR (SWEDEN, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	100.00	3.89	1.36	2.52
HIGH TECHNOLOGY GOODS.....	100.00	3.87	1.98	1.89
NUCLEAR REACTORS (7117).....	100.00	-	-	-
CALC MACHINES, COMPUTERS (7142).....	100.00	.91	.12	.79
STATISTICAL MACHINES(7143)...	100.00	.46	.03	.43
MACHINE TOOLS FOR METAL (7151).....	100.00	6.38	4.13	2.25
TELECOMMUNICATIONS EQUIP (7249).....	100.00	.51	.10	.42
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	100.00	.84	.02	.81
ELEC AND PROTON ACCELERATORS (7297).....	100.00	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	100.00	21.11	14.21	6.90
AIRCRAFT HEAVIER THAN AIR (7341).....	100.00	.00	-	.00
WARSHIPS (7351).....	100.00	-	-	-
OPTICAL ELEMENTS (8611).....	100.00	1.12	.54	.58
OPTICAL INSTRUMENTS (8613)...	100.00	1.16	.00	1.16
MEASURING, CONTROL INSTR NES(8619).....	100.00	6.92	4.29	2.63

- Data not available.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

FRANCE, WORLD

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	17738755	20420028	25841531	35661518	45139346	51603910	55463262	63363449	76494339	97958765	11086553
HIGH TECHNOLOGY GOODS.....	1,128525	1,226201	1,456553	1,930738	2,392242	3,036609	3,559345	4,124303	4,784656	6,892779	7,707336
NUCLEAR REACTORS (7117).....	5,455	20,042	2,414	14,974	38,672	10,944	24,967	12,970	26,276	77,092	192,257
CALC MACHINES, COMPUTERS (7142).....	17,352	25,278	25,688	35,769	43,325	40,791	31,180	27,280	29,672	33,565	27,999
STATISTICAL MACHINES(7143)...	173,945	196,455	263,006	274,806	314,503	321,743	452,770	555,124	713,359	915,884	918,010
MACHINE TOOLS FOR METAL (7151).....	115,546	125,012	130,998	186,446	236,069	320,199	272,131	269,388	383,453	458,933	515,583
TELECOMMUNICATIONS EQUIP (7249).....	149,969	175,699	202,013	297,524	367,529	546,308	610,875	685,481	760,958	1,005304	1,144790
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	117,539	129,069	173,740	285,893	351,723	304,491	362,072	427,087	540,396	664,440	753,232
ELEC AND PROTON ACCELERATORS (7297).....	237	896	1,783	321	4,057	2,728	6,146	11,082	9,434	4,586	5,921
ELECTRICAL MACHINERY, N.E.S. (7299).....	103,682	99,697	111,673	163,732	207,044	265,220	251,643	286,621	350,944	503,671	586,480
AIRCRAFT HEAVIER THAN AIR (7341).....	194,585	142,609	177,377	163,602	211,421	345,830	552,988	660,609	514,979	1,503470	1,516950
OPTICAL ELEMENTS (8611).....	13,037	15,221	21,065	32,711	40,378	50,263	50,935	60,955	76,900	93,536	104,733
OPTICAL INSTRUMENTS (8613)...	5,204	8,794	7,277	8,184	7,643	13,179	19,962	17,274	31,954	35,154	41,743
MEASURING, CONTROL INSTR NES(8619).....	75,919	86,212	102,751	136,551	170,769	233,731	261,360	295,767	360,742	455,302	567,574

See footnotes at end of table.

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- 2 -EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

FRANCE, USSR AND EUROPEAN CEMA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	648,604	731,883	951,025	1,309,358	1,606,390	2,605,567	2,736,461	2,786,427	2,922,594	4,039,505	4,648,568
HIGH TECHNOLOGY GOODS.....	86,646	68,392	89,745	123,964	154,099	239,012	266,267	244,444	346,910	467,052	466,873
NUCLEAR REACTORS (7117).....	-	-	-	-	-	-	-	-	-	9,255	2,819
CALC MACHINES, COMPUTERS (7142).....	3,123	4,923	4,728	1,243	739	283	137	60	525	572	139
STATISTICAL MACHINES(7143)...	14,308	7,645	9,996	13,626	16,533	19,340	26,001	17,348	15,614	29,502	23,231
MACHINE TOOLS FOR METAL (7151).....	24,255	19,824	25,399	36,513	48,579	82,020	76,675	45,586	116,654	141,917	153,247
TELECOMMUNICATIONS EQUIP (7249).....	1,520	1,300	2,929	7,914	11,264	20,564	18,097	16,735	26,793	28,767	11,285
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	3,374	2,899	2,608	5,944	7,906	9,069	7,511	9,683	11,558	12,757	23,113
ELEC AND PROTON ACCELERATORS (7297).....	2	253	265	17	-	-	273	939	1,777	528	0
ELECTRICAL MACHINERY, N.E.S. (7299).....	21,291	8,272	14,284	22,963	23,555	33,307	39,972	34,926	37,253	79,979	73,914
AIRCRAFT HEAVIER THAN AIR (7341).....	1,720	1,368	0	1,295	1,543	93	20	76	0	5,563	-
OPTICAL ELEMENTS (8611).....	304	132	249	156	196	235	170	190	910	280	280
OPTICAL INSTRUMENTS (8613)...	166	261	191	231	226	349	181	1,157	399	569	1,518
MEASURING, CONTROL INSTR NES(8619).....	6,111	5,983	5,468	7,180	8,421	16,543	19,033	27,036	21,255	32,717	32,836

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

FRANCE, USSR

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	273,152	256,481	340,461	573,862	656,091	1,146,940	1,118,096	1,496,285	1,455,451	2,007,499	2,463,812
HIGH TECHNOLOGY GOODS.....	44,974	21,755	42,010	54,599	76,248	112,130	105,021	129,086	182,970	239,021	241,164
CALC MACHINES, COMPUTERS											
(7142).....	21	144	98	634	4	150	73	15	378	507	101
STATISTICAL MACHINES(7143)...	4,295	2,836	5,390	4,366	4,110	5,687	13,856	11,702	11,677	21,593	13,691
MACHINE TOOLS FOR METAL											
(7151).....	18,049	9,099	15,496	19,818	32,001	52,724	24,928	20,749	42,394	57,828	67,174
TELECOMMUNICATIONS EQUIP											
(7249).....	567	274	1,582	4,697	2,236	2,758	3,151	4,379	18,901	19,362	1,719
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	704	523	944	1,015	1,729	2,777	1,981	2,721	4,941	4,804	2,433
ELEC AND PROTON ACCELERATORS											
(7297).....	2	-	206	-	-	-	-	-	923	-	-
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	14,987	1,781	6,570	12,898	14,139	7,046	9,575	12,987	18,210	32,980	22,769
OPTICAL ELEMENTS (8611).....	126	52	131	20	45	101	31	110	632	68	138
OPTICAL INSTRUMENTS (8613)...	113	19	80	23	98	120	5	977	189	191	876
MEASURING, CONTROL INSTR											
NES(8619).....	3,783	2,851	2,438	2,748	4,811	9,051	7,725	14,260	12,152	20,929	19,973

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

FRANCE, EUROPEAN CEMA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	375,452	475,402	610,564	735,496	950,299	1,458,627	1,618,365	1,290,142	1,467,143	2,032,006	2,184,756
HIGH TECHNOLOGY GOODS.....	41,672	46,637	47,735	69,365	77,851	126,882	161,246	115,358	163,940	228,031	225,709
NUCLEAR REACTORS (7117).....	-	-	-	-	-	-	-	-	-	9,255	2,819
CALC MACHINES, COMPUTERS (7142).....	3,102	4,779	4,630	609	735	133	64	45	147	65	38
STATISTICAL MACHINES(7143)...	10,013	4,809	4,606	9,260	12,423	13,653	12,145	5,646	3,937	7,909	9,540
MACHINE TOOLS FOR METAL (7151).....	6,206	10,725	9,903	16,695	16,578	29,296	51,747	24,837	74,260	84,089	86,073
TELECOMMUNICATIONS EQUIP (7249).....	953	1,026	1,347	3,217	9,028	17,806	14,946	12,356	7,892	9,405	9,566
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	2,670	2,376	1,664	4,929	6,177	6,292	5,530	6,962	6,617	7,953	20,680
ELEC AND PROTON ACCELERATORS (7297).....	-	253	59	17	-	-	273	939	854	528	0
ELECTRICAL MACHINERY, N.E.S. (7299).....	6,304	6,491	7,714	10,065	9,416	26,261	30,397	21,939	19,043	46,999	51,145
AIRCRAFT HEAVIER THAN AIR (7341).....	1,720	1,368	0	1,295	1,543	93	20	76	0	5,563	-
OPTICAL ELEMENTS (8611).....	178	80	118	136	151	134	139	80	278	212	142
OPTICAL INSTRUMENTS (8613)...	53	242	111	208	128	229	176	180	210	378	642
MEASURING, CONTROL INSTR NES(8619).....	2,328	3,132	3,030	4,432	3,610	7,492	11,308	12,776	9,103	11,788	12,863

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

BULGARIA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	47,759	48,262	28,562	39,616	74,976	122,232	102,239	123,371	93,761	141,744	169,870
HIGH TECHNOLOGY GOODS.....	2,635	3,108	3,506	1,967	4,757	9,775	9,399	17,009	8,476	7,667	10,418
CALC MACHINES, COMPUTERS (7142).....	-	1	-	1	1	3	8	27	3	1	-
STATISTICAL MACHINES(7143)...	1	-	-	15	22	236	125	485	4	5	62
MACHINE TOOLS FOR METAL (7151).....	230	732	490	527	862	756	953	170	451	365	516
TELECOMMUNICATIONS EQUIP (7249).....	122	111	37	154	2,056	3,978	689	2,734	419	301	872
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	26	18	29	47	164	244	230	506	700	638	689
ELEC AND PROTON ACCELERATORS (7297).....	-	23	-	-	-	-	-	-	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	523	621	1,756	853	949	2,740	1,724	3,283	4,182	3,024	5,367
OPTICAL ELEMENTS (8611).....	35	49	59	35	64	7	-	12	66	63	26
OPTICAL INSTRUMENTS (8613)...	19	1	9	-	5	8	35	19	107	66	22
MEASURING, CONTROL INSTR NES(8619).....	250	169	434	143	125	591	555	4,223	539	266	254

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

CZECHOSLOVAKIA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	57,063	63,325	64,074	79,282	105,054	158,929	161,741	124,431	142,110	151,407	161,308
HIGH TECHNOLOGY GOODS.....	10,928	6,364	3,758	4,997	7,000	11,022	31,671	6,936	16,702	11,748	16,239
CALC MACHINES, COMPUTERS											
(7142).....	16	127	118	91	68	-	2	-	33	-	4
STATISTICAL MACHINES(7143)....	7,329	1,674	407	516	244	388	404	193	287	184	231
MACHINE TOOLS FOR METAL											
(7151).....	1,699	345	595	1,131	1,234	2,338	8,264	688	2,328	1,372	4,366
TELECOMMUNICATIONS EQUIP											
(7249).....	56	17	79	66	151	57	119	168	99	2,623	917
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	62	44	82	62	82	229	195	307	325	259	1,983
ELEC AND PROTON ACCELERATORS											
(7297).....	-	9	-	-	-	-	-	296	326	-	-
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	743	1,190	893	1,170	1,286	4,701	13,720	1,689	1,820	3,277	2,899
AIRCRAFT HEAVIER THAN AIR											
(7341).....	0	57	0	5	-	-	0	0	0	-	-
OPTICAL ELEMENTS (8611).....	11	10	16	44	6	34	6	28	42	70	6
OPTICAL INSTRUMENTS (8613)....	15	68	10	81	43	132	14	29	22	51	107
MEASURING, CONTROL INSTR											
NES(8619).....	216	580	325	566	755	895	3,226	1,280	525	419	500

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

EAST GERMANY

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	59,627	94,184	139,447	81,740	94,725	179,842	212,648	120,890	167,060	361,696	318,500
HIGH TECHNOLOGY GOODS.....	6,040	6,577	4,955	4,771	2,178	5,828	2,752	5,339	7,123	4,184	52,392
CALC MACHINES, COMPUTERS											
(7142).....	28	17	29	6	1	1	0	0	1	3	1
STATISTICAL MACHINES(7143)...	1,618	1,846	808	1,568	577	429	369	386	5	92	638
MACHINE TOOLS FOR METAL											
(7151).....	427	1,119	2,077	1,565	276	3,154	312	1,784	3,663	20	28,551
TELECOMMUNICATIONS EQUIP											
(7249).....	113	188	127	391	310	70	240	114	88	55	88
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	484	461	105	370	146	195	117	89	226	363	10,313
ELEC AND PROTON ACCELERATORS											
(7297).....	-	221	59	-	-	-	-	-	-	-	-
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	710	441	332	110	182	91	126	1,227	659	963	7,937
AIRCRAFT HEAVIER THAN AIR											
(7341).....	-	-	-	-	-	-	-	-	-	150	-
OPTICAL ELEMENTS (8611).....	107	5	0	3	35	10	28	1	99	23	0
OPTICAL INSTRUMENTS (8613)...	0	1	0	0	2	30	2	0	11	96	475
MEASURING, CONTROL INSTR											
NES(8619).....	308	621	332	220	318	749	661	345	820	949	1,514

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

HUNGARY

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	46,588	72,597	90,434	96,069	115,781	164,800	129,542	160,046	205,206	210,397	233,823
HIGH TECHNOLOGY GOODS.....	3,177	4,037	10,796	5,054	7,813	11,287	7,854	9,489	12,495	13,629	18,009
CALC MACHINES, COMPUTERS											
(7142).....	809	1,834	3,155	-	37	-	1	2	34	54	2
STATISTICAL MACHINES(7143)...	957	667	2,161	1,421	3,118	5,192	1,978	2,034	900	3,208	3,707
MACHINE TOOLS FOR METAL											
(7151).....	295	148	739	708	548	674	785	965	2,365	1,925	1,841
TELECOMMUNICATIONS EQUIP											
(7249).....	157	231	147	317	544	514	895	689	513	1,500	2,881
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	204	335	306	679	713	920	1,105	1,266	1,388	1,921	2,185
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	337	232	444	593	1,253	1,840	1,105	1,467	3,335	1,558	3,837
AIRCRAFT HEAVIER THAN AIR											
(7341).....	-	-	-	-	-	73	-	-	-	-	-
OPTICAL ELEMENTS (8611).....	19	5	8	0	5	8	62	16	7	25	14
OPTICAL INSTRUMENTS (8613)...	1	75	3	2	1	1	6	14	25	142	22
MEASURING, CONTROL INSTR											
NES(8619).....	119	289	398	248	228	332	276	330	940	571	657

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

ALBANIA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	1,210	1,373	896	2,807	2,259	3,819	3,799	4,241	3,295	7,680	5,151
HIGH TECHNOLOGY GOODS.....	6	30	22	30	16	21	109	25	49	1,539	344
MACHINE TOOLS FOR METAL (7151).....	-	-	-	-	-	-	-	-	-	-	9
TELECOMMUNICATIONS EQUIP (7249).....	3	9	14	16	6	5	2	-	38	1,438	65
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	3	7	7	5	-	3	-	19	9	81	13
ELECTRICAL MACHINERY, N.E.S. (7299).....	-	1	-	2	-	6	-	-	2	2	-
OPTICAL INSTRUMENTS (8613)...	-	-	-	-	-	-	1	-	-	-	-
MEASURING, CONTROL INSTR NES(8619).....	-	1	1	3	10	7	106	4	-	2	41

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EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

EXPORTS FOR (FRANCE, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	110,865,474	4,648,568	2,463,812	2,184,756
HIGH TECHNOLOGY GOODS.....	7,707,336	466,873	241,164	225,709
NUCLEAR REACTORS (7117).....	192,257	2,819	-	2,819
CALC MACHINES, COMPUTERS (7142).....	27,999	139	101	38
STATISTICAL MACHINES(7143)....	918,010	23,231	13,691	9,540
MACHINE TOOLS FOR METAL (7151).....	515,583	153,247	67,174	86,073
TELECOMMUNICATIONS EQUIP (7249).....	1,144,790	11,285	1,719	9,566
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	753,232	23,113	2,433	20,680
ELEC AND PROTON ACCELERATORS (7297).....	5,921	0	-	0
ELECTRICAL MACHINERY, N.E.S. (7299).....	586,480	73,914	22,769	51,145
AIRCRAFT HEAVIER THAN AIR (7341).....	1,516,950	-	-	-
OPTICAL ELEMENTS (8611).....	104,733	280	138	142
OPTICAL INSTRUMENTS (8613)...	41,743	1,518	876	642
MEASURING, CONTROL INSTR NES(8619).....	567,574	32,836	19,973	12,863

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

FRANCE, WORLD

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	177,387	204,200	258,415	356,615	451,393	516,039	554,632	633,634	764,943	979,587	1,108,655
HIGH TECHNOLOGY GOODS.....	1,128,525	1,226,201	1,456,553	1,930,738	2,392,242	3,036,609	3,559,345	4,124,303	4,784,656	6,892,779	7,707,336
NUCLEAR REACTORS (7117).....	5,455	20,042	2,414	14,974	38,672	10,944	24,967	12,970	26,276	77,092	192,257
CALC MACHINES, COMPUTERS (7142).....	17,352	25,278	25,688	35,769	43,325	40,791	31,180	27,280	29,672	33,565	27,999
STATISTICAL MACHINES(7143)....	173,945	196,455	263,006	274,806	314,503	321,743	452,770	555,124	713,359	915,884	918,010
MACHINE TOOLS FOR METAL (7151).....	115,546	125,012	130,998	186,446	236,069	320,199	272,131	269,388	383,453	458,933	515,583
TELECOMMUNICATIONS EQUIP (7249).....	149,969	175,699	202,013	297,524	367,529	546,308	610,875	685,481	760,958	1,005,304	1,144,790
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	117,539	129,069	173,740	285,893	351,723	304,491	362,072	427,087	540,396	664,440	753,232
ELEC AND PROTON ACCELERATORS (7297).....	237	896	1,783	321	4,057	2,728	6,146	11,082	9,434	4,586	5,921
ELECTRICAL MACHINERY, N.E.S. (7299).....	103,682	99,697	111,673	163,732	207,044	265,220	251,643	286,621	350,944	503,671	586,480
AIRCRAFT HEAVIER THAN AIR (7341).....	194,585	142,609	177,377	163,602	211,421	345,830	552,988	660,609	514,979	1,503,470	1,516,950
OPTICAL ELEMENTS (8611).....	13,037	15,221	21,065	32,711	40,378	50,263	50,935	60,955	76,900	93,536	104,733
OPTICAL INSTRUMENTS (8613)....	5,204	8,794	7,277	8,184	7,643	13,179	19,962	17,274	31,954	35,154	41,743
MEASURING, CONTROL INSTR NES(8619).....	75,919	86,212	102,751	136,551	170,769	233,731	261,360	295,767	360,742	455,302	567,574

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

FRANCE, USSR AND EUROPEAN CEMA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	648,604	731,883	951,025	1,309,358	1,606,390	2,605,567	2,736,461	2,786,427	2,922,594	4,039,505	4,648,568
HIGH TECHNOLOGY GOODS.....	86,646	68,392	89,745	123,964	154,099	239,012	266,267	244,444	346,910	467,052	466,873
NUCLEAR REACTORS (7117).....	-	-	-	-	-	-	-	-	-	9,255	2,819
CALC MACHINES, COMPUTERS (7142).....	3,123	4,923	4,728	1,243	739	283	137	60	525	572	139
STATISTICAL MACHINES(7143)...	14,308	7,645	9,996	13,626	16,533	19,340	26,001	17,348	15,614	29,502	23,231
MACHINE TOOLS FOR METAL (7151).....	24,255	19,824	25,399	36,513	48,579	82,020	76,675	45,586	116,654	141,917	153,247
TELECOMMUNICATIONS EQUIP (7249).....	1,520	1,300	2,929	7,914	11,264	20,564	18,097	16,735	26,793	28,767	11,285
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	3,374	2,899	2,608	5,944	7,906	9,069	7,511	9,683	11,558	12,757	23,113
ELEC AND PROTON ACCELERATORS (7297).....	2	253	265	17	-	-	273	939	1,777	528	0
ELECTRICAL MACHINERY, N.E.S. (7299).....	21,291	8,272	14,284	22,963	23,555	33,307	39,972	34,926	37,253	79,979	73,914
AIRCRAFT HEAVIER THAN AIR (7341).....	1,720	1,368	0	1,295	1,543	93	20	76	0	5,563	-
OPTICAL ELEMENTS (8611).....	304	132	249	156	196	235	170	190	910	280	280
OPTICAL INSTRUMENTS (8613)...	166	261	191	231	226	349	181	1,157	399	569	1,518
MEASURING, CONTROL INSTR NES(8619).....	6,111	5,983	5,468	7,180	8,421	16,543	19,033	27,036	21,255	32,717	32,836

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

FRANCE, USSR

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	273,152	256,481	340,461	573,862	656,091	1,146,940	1,118,096	1,496,285	1,455,451	2,007,499	2,463,812
HIGH TECHNOLOGY GOODS.....	44,974	21,755	42,010	54,599	76,248	112,130	105,021	129,086	182,970	239,021	241,164
CALC MACHINES, COMPUTERS											
(7142).....	21	144	98	634	4	150	73	15	378	507	101
STATISTICAL MACHINES(7143)....	4,295	2,836	5,390	4,366	4,110	5,687	13,856	11,702	11,677	21,593	13,691
MACHINE TOOLS FOR METAL											
(7151).....	18,049	9,099	15,496	19,818	32,001	52,724	24,928	20,749	42,394	57,828	67,174
TELECOMMUNICATIONS EQUIP											
(7249).....	567	274	1,582	4,697	2,236	2,758	3,151	4,379	18,901	19,362	1,719
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	704	523	944	1,015	1,729	2,777	1,981	2,721	4,941	4,804	2,433
ELEC AND PROTON ACCELERATORS											
(7297).....	2	-	206	-	-	-	-	-	923	-	-
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	14,987	1,781	6,570	12,898	14,139	7,046	9,575	12,987	18,210	32,980	22,769
OPTICAL ELEMENTS (8611).....	126	52	131	20	45	101	31	110	632	68	138
OPTICAL INSTRUMENTS (8613)....	113	19	80	23	98	120	5	977	189	191	876
MEASURING, CONTROL INSTR											
NES(8619).....	3,783	2,851	2,438	2,748	4,811	9,051	7,725	14,260	12,152	20,929	19,973

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

FRANCE, EUROPEAN CEMA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	375,452	475,402	610,564	735,496	950,299	1,458,627	1,618,365	1,290,142	1,467,143	2,032,006	2,184,756
HIGH TECHNOLOGY GOODS.....	41,672	46,637	47,735	69,365	77,851	126,882	161,246	115,358	163,940	228,031	225,709
NUCLEAR REACTORS (7117).....	-	-	-	-	-	-	-	-	-	9,255	2,819
CALC MACHINES, COMPUTERS (7142).....	3,102	4,779	4,630	609	735	133	64	45	147	65	38
STATISTICAL MACHINES(7143)...	10,013	4,809	4,606	9,260	12,423	13,653	12,145	5,646	3,937	7,909	9,540
MACHINE TOOLS FOR METAL (7151).....	6,206	10,725	9,903	16,695	16,578	29,296	51,747	24,837	74,260	84,089	86,073
TELECOMMUNICATIONS EQUIP (7249).....	953	1,026	1,347	3,217	9,028	17,806	14,946	12,356	7,892	9,405	9,566
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	2,670	2,376	1,664	4,929	6,177	6,292	5,530	6,962	6,617	7,953	20,680
ELEC AND PROTON ACCELERATORS (7297).....	-	253	59	17	-	-	273	939	854	528	0
ELECTRICAL MACHINERY, N.E.S. (7299).....	6,304	6,491	7,714	10,065	9,416	26,261	30,397	21,939	19,043	46,999	51,145
AIRCRAFT HEAVIER THAN AIR (7341).....	1,720	1,368	0	1,295	1,543	93	20	76	0	5,563	-
OPTICAL ELEMENTS (8611).....	178	80	118	136	151	134	139	80	278	212	142
OPTICAL INSTRUMENTS (8613)...	53	242	111	208	128	229	176	180	210	378	642
MEASURING, CONTROL INSTR NES(8619).....	2,328	3,132	3,030	4,432	3,610	7,492	11,308	12,776	9,103	11,788	12,863

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

BULGARIA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	47,759	48,262	28,562	39,616	74,976	122,232	102,239	123,371	93,761	141,744	169,870
HIGH TECHNOLOGY GOODS.....	2,635	3,108	3,506	1,967	4,757	9,775	9,399	17,009	8,476	7,667	10,418
CALC MACHINES, COMPUTERS (7142).....	-	1	-	1	1	3	8	27	3	1	-
STATISTICAL MACHINES(7143).....	1	-	-	15	22	236	125	485	4	5	62
MACHINE TOOLS FOR METAL (7151).....	230	732	490	527	862	756	953	170	451	365	516
TELECOMMUNICATIONS EQUIP (7249).....	122	111	37	154	2,056	3,978	689	2,734	419	301	872
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	26	18	29	47	164	244	230	506	700	638	689
ELEC AND PROTON ACCELERATORS (7297).....	-	23	-	-	-	-	-	-	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	523	621	1,756	853	949	2,740	1,724	3,283	4,182	3,024	5,367
OPTICAL ELEMENTS (8611).....	35	49	59	35	64	7	-	12	66	63	26
OPTICAL INSTRUMENTS (8613).....	19	1	9	-	5	8	35	19	107	66	22
MEASURING, CONTROL INSTR NES(8619).....	250	169	434	143	125	591	555	4,223	539	266	254

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

CZECHOSLOVAKIA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	57,063	63,325	64,074	79,282	105,054	158,929	161,741	124,431	142,110	151,407	161,308
HIGH TECHNOLOGY GOODS.....	10,928	6,364	3,758	4,997	7,000	11,022	31,671	6,936	16,702	11,748	16,239
CALC MACHINES, COMPUTERS											
(7142).....	16	127	118	91	68	-	2	-	33	-	4
STATISTICAL MACHINES(7143)...	7,329	1,674	407	516	244	388	404	193	287	184	231
MACHINE TOOLS FOR METAL											
(7151).....	1,699	345	595	1,131	1,234	2,338	8,264	688	2,328	1,372	4,366
TELECOMMUNICATIONS EQUIP											
(7249).....	56	17	79	66	151	57	119	168	99	2,623	917
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	62	44	82	62	82	229	195	307	325	259	1,983
ELEC AND PROTON ACCELERATORS											
(7297).....	-	9	-	-	-	-	-	296	326	-	-
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	743	1,190	893	1,170	1,286	4,701	13,720	1,689	1,820	3,277	2,899
AIRCRAFT HEAVIER THAN AIR											
(7341).....	0	57	0	5	-	-	0	0	0	-	-
OPTICAL ELEMENTS (8611).....	11	10	16	44	6	34	6	28	42	70	6
OPTICAL INSTRUMENTS (8613)...	15	68	10	81	43	132	14	29	22	51	107
MEASURING, CONTROL INSTR											
NES(8619).....	216	580	325	566	755	895	3,226	1,280	525	419	500

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

EAST GERMANY

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	59,627	94,184	139,447	81,740	94,725	179,842	212,648	120,890	167,060	361,696	318,500
HIGH TECHNOLOGY GOODS.....	6,040	6,577	4,955	4,771	2,178	5,828	2,752	5,339	7,123	4,184	52,392
CALC MACHINES, COMPUTERS (7142).....	28	17	29	6	1	1	0	0	1	3	1
STATISTICAL MACHINES(7143).....	1,618	1,846	808	1,568	577	429	369	386	5	92	638
MACHINE TOOLS FOR METAL (7151).....	427	1,119	2,077	1,565	276	3,154	312	1,784	3,663	20	28,551
TELECOMMUNICATIONS EQUIP (7249).....	113	188	127	391	310	70	240	114	88	55	88
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	484	461	105	370	146	195	117	89	226	363	10,313
ELEC AND PROTON ACCELERATORS (7297).....	-	221	59	-	-	-	-	-	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	710	441	332	110	182	91	126	1,227	659	963	7,937
AIRCRAFT HEAVIER THAN AIR (7341).....	-	-	-	-	-	-	-	-	-	150	-
OPTICAL ELEMENTS (8611).....	107	5	0	3	35	10	28	1	99	23	0
OPTICAL INSTRUMENTS (8613).....	0	1	0	0	2	30	2	0	11	96	475
MEASURING, CONTROL INSTR NES(8619).....	308	621	332	220	318	749	661	345	820	949	1,514

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

HUNGARY

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	46,588	72,597	90,434	96,089	115,781	164,800	129,542	160,046	205,206	210,397	233,823
HIGH TECHNOLOGY GOODS.....	3,177	4,037	10,796	5,054	7,813	11,287	7,854	9,489	12,495	13,629	18,009
CALC MACHINES, COMPUTERS											
(7142).....	809	1,834	3,155	-	37	-	1	2	34	54	2
STATISTICAL MACHINES(7143)...	957	667	2,161	1,421	3,118	5,192	1,978	2,034	900	3,208	3,707
MACHINE TOOLS FOR METAL											
(7151).....	295	148	739	708	548	674	785	965	2,365	1,925	1,841
TELECOMMUNICATIONS EQUIP											
(7249).....	157	231	147	317	544	514	895	689	513	1,500	2,881
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	204	335	306	679	713	920	1,105	1,266	1,388	1,921	2,185
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	337	232	444	593	1,253	1,840	1,105	1,467	3,335	1,558	3,837
AIRCRAFT HEAVIER THAN AIR											
(7341).....	-	-	-	-	-	73	-	-	-	-	-
OPTICAL ELEMENTS (8611).....	19	5	8	0	5	8	62	16	7	25	14
OPTICAL INSTRUMENTS (8613)...	1	75	3	2	1	1	6	14	25	142	22
MEASURING, CONTROL INSTR											
NES(8619).....	119	289	398	248	228	332	276	330	940	571	657

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

POLAND

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	81,177	84,241	151,903	266,613	373,925	626,605	749,461	482,703	504,288	605,747	830,967
HIGH TECHNOLOGY GOODS.....	5,771	5,254	10,809	27,973	36,727	66,983	88,355	47,837	36,568	48,987	47,653
CALC MACHINES, COMPUTERS (7142).....	31	36	43	511	628	129	53	15	72	3	13
STATISTICAL MACHINES(7143).....	26	373	584	3,094	3,143	2,247	6,881	1,209	2,668	4,055	2,357
MACHINE TOOLS FOR METAL (7151).....	1,350	700	3,572	5,486	11,046	19,460	35,439	11,573	9,599	8,261	16,324
TELECOMMUNICATIONS EQUIP (7249).....	292	295	728	804	4,642	12,936	12,115	5,673	3,012	2,632	1,316
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	1,203	707	623	3,021	3,912	3,973	2,434	3,165	2,409	3,373	4,061
ELEC AND PROTON ACCELERATORS (7297).....	-	-	-	17	-	-	273	643	528	528	0
ELECTRICAL MACHINERY, N.E.S. (7299).....	611	1,195	2,034	5,663	4,021	13,412	9,377	8,372	3,561	2,753	8,602
AIRCRAFT HEAVIER THAN AIR (7341).....	-	-	0	-	30	20	20	76	0	-	-
OPTICAL ELEMENTS (8611).....	5	8	28	33	38	49	42	23	44	13	4
OPTICAL INSTRUMENTS (8613).....	1	82	67	116	59	39	94	114	23	22	9
MEASURING, CONTROL INSTR NES(8619).....	445	350	479	1,419	1,206	2,279	3,733	4,597	3,117	2,291	3,308

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

ROMANIA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	82,028	111,420	135,248	169,369	183,579	202,400	258,935	274,460	351,423	553,335	465,137
HIGH TECHNOLOGY GOODS.....	13,115	21,267	13,889	24,573	19,360	21,966	21,106	28,723	82,527	140,277	80,654
NUCLEAR REACTORS (7117).....	-	-	-	-	-	-	-	-	-	9,255	2,819
CALC MACHINES, COMPUTERS (7142).....	2,218	2,764	1,284	-	-	0	0	1	4	4	18
STATISTICAL MACHINES(7143)...	82	249	646	2,646	5,319	5,161	2,388	1,339	73	365	2,545
MACHINE TOOLS FOR METAL (7151).....	2,205	7,681	2,430	7,278	2,612	2,914	5,994	9,657	55,854	72,146	34,466
TELECOMMUNICATIONS EQUIP (7249).....	210	175	215	1,469	1,319	246	886	2,978	3,723	856	3,427
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	688	804	512	745	1,160	728	1,449	1,610	1,560	1,318	1,436
ELECTRICAL MACHINERY, N.E.S. (7299).....	3,380	2,811	2,255	1,674	1,725	3,471	4,345	5,901	5,484	35,422	22,503
AIRCRAFT HEAVIER THAN AIR (7341).....	1,720	1,311	-	1,290	1,513	0	0	-	0	5,413	-
OPTICAL ELEMENTS (8611).....	1	3	7	21	3	26	1	-	20	18	92
OPTICAL INSTRUMENTS (8613)...	17	15	22	9	18	19	24	4	22	1	7
MEASURING, CONTROL INSTR NES(8619).....	990	1,122	1,061	1,833	968	2,639	2,751	1,997	3,162	7,290	6,589

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

ALBANIA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	1,210	1,373	896	2,807	2,259	3,819	3,799	4,241	3,295	7,680	5,151
HIGH TECHNOLOGY GOODS.....	6	30	22	30	16	21	109	25	49	1,539	344
MACHINE TOOLS FOR METAL (7151).....	-	-	-	-	-	-	-	-	-	-	9
TELECOMMUNICATIONS EQUIP (7249).....	3	9	14	16	6	5	2	-	38	1,438	65
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	3	7	7	5	-	3	-	19	9	81	13
ELECTRICAL MACHINERY, N.E.S. (7299).....	-	1	-	2	-	6	-	-	2	2	-
OPTICAL INSTRUMENTS (8613)...	-	-	-	-	-	-	1	-	-	-	-
MEASURING, CONTROL INSTR NES(8619).....	-	1	1	3	10	7	106	4	-	2	41

- Data not available.

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EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

EXPORTS FOR (FRANCE, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	110,865,474	4,648,568	2,463,812	2,184,756
HIGH TECHNOLOGY GOODS.....	7,707,336	466,873	241,164	225,709
NUCLEAR REACTORS (7117).....	192,257	2,819	-	2,819
CALC MACHINES, COMPUTERS (7142).....	27,999	139	101	38
STATISTICAL MACHINES(7143)...	918,010	23,231	13,691	9,540
MACHINE TOOLS FOR METAL (7151).....	515,583	153,247	67,174	86,073
TELECOMMUNICATIONS EQUIP (7249).....	1,144,790	11,285	1,719	9,566
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	753,232	23,113	2,433	20,680
ELEC AND PROTON ACCELERATORS (7297).....	5,921	0	-	0
ELECTRICAL MACHINERY, N.E.S. (7299).....	586,480	73,914	22,769	51,145
AIRCRAFT HEAVIER THAN AIR (7341).....	1,516,950	-	-	-
OPTICAL ELEMENTS (8611).....	104,733	280	138	142
OPTICAL INSTRUMENTS (8613)...	41,743	1,518	876	642
MEASURING, CONTROL INSTR NES(8619).....	567,574	32,836	19,973	12,863

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EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(PERCENT DISTRIBUTION OF EXPORTS, BY COMMODITY)

EXPORTING COUNTRY:

EXPORTS FOR (FRANCE, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	100.00	100.00	100.00	100.00
HIGH TECHNOLOGY GOODS.....	6.95	10.04	9.79	10.33
NUCLEAR REACTORS (7117).....	.17	.06	-	.13
CALC MACHINES, COMPUTERS (7142).....	.03	.00	.00	.00
STATISTICAL MACHINES(7143)....	.83	.50	.56	.44
MACHINE TOOLS FOR METAL (7151).....	.47	3.30	2.73	3.94
TELECOMMUNICATIONS EQUIP (7249).....	1.03	.24	.07	.44
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	.68	.50	.10	.95
ELEC AND PROTON ACCELERATORS (7297).....	.01	.00	-	.00
ELECTRICAL MACHINERY, N.E.S. (7299).....	.53	1.59	.92	2.34
AIRCRAFT HEAVIER THAN AIR (7341).....	1.37	-	-	-
OPTICAL ELEMENTS (8611).....	.09	.01	.01	.01
OPTICAL INSTRUMENTS (8613)....	.04	.03	.04	.03
MEASURING, CONTROL INSTR NES(8619).....	.51	.71	.81	.59

- Data not available.

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EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(PERCENT DISTRIBUTION OF EXPORTS, BY PARTNER)

EXPORTING COUNTRY:

EXPORTS FOR (FRANCE, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	100.00	4.19	2.22	1.97
HIGH TECHNOLOGY GOODS.....	100.00	6.06	3.13	2.93
NUCLEAR REACTORS (7117).....	100.00	1.47	-	1.47
CALC MACHINES, COMPUTERS (7142).....	100.00	.50	.36	.14
STATISTICAL MACHINES(7143)...	100.00	2.53	1.49	1.04
MACHINE TOOLS FOR METAL (7151).....	100.00	29.72	13.03	16.69
TELECOMMUNICATIONS EQUIP (7249).....	100.00	.99	.15	.84
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	100.00	3.07	.32	2.75
ELEC AND PROTON ACCELERATORS (7297).....	100.00	.00	-	.00
ELECTRICAL MACHINERY, N.E.S. (7299).....	100.00	12.60	3.88	8.72
AIRCRAFT HEAVIER THAN AIR (7341).....	100.00	-	-	-
OPTICAL ELEMENTS (8611).....	100.00	.27	.13	.14
OPTICAL INSTRUMENTS (8613)...	100.00	3.64	2.10	1.54
MEASURING, CONTROL INSTR NES(8619).....	100.00	5.79	3.52	2.27

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

ITALY, WORLD

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	13209833	15110628	18547786	22222946	30251786	34825110	36966133	45062434	56048281	72236768	77640451
HIGH TECHNOLOGY GOODS.....	938,381	1,017501	1,158926	1,367241	1,722690	2,048658	2,323403	2,695154	3,288368	3,967298	5,137894
NUCLEAR REACTORS (7117).....	119	73	4,216	3,663	4,573	1,935	9,798	1,268	2,003	0	775
CALC MACHINES, COMPUTERS											
(7142).....	160,133	147,408	128,861	141,334	149,147	145,676	143,933	113,224	127,086	171,366	132,018
STATISTICAL MACHINES(7143)...	109,447	107,372	101,014	98,564	148,970	172,080	231,130	240,553	326,413	460,530	1,157574
MACHINE TOOLS FOR METAL											
(7151).....	190,756	186,171	219,941	236,185	318,996	430,988	363,693	436,904	598,401	690,165	845,008
TELECOMMUNICATIONS EQUIP											
(7249).....	124,415	169,547	209,337	271,601	267,355	340,405	436,205	491,028	529,796	598,011	583,131
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	48,909	53,880	80,729	122,734	136,738	127,734	171,734	205,258	257,594	282,348	325,129
ELEC AND PROTON ACCELERATORS											
(7297).....	9	1	15	8	8	7	21	38	45	13	49
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	79,209	79,981	85,994	110,702	145,168	184,692	181,454	263,980	284,884	380,203	427,893
AIRCRAFT HEAVIER THAN AIR											
(7341).....	29,453	46,664	39,441	52,168	111,546	124,316	211,896	164,551	270,074	256,841	239,957
WARSHIPS (7351).....	329	0	1,602	2,272	7,820	327	3,962	-	-	41,650	209
OPTICAL ELEMENTS (8611).....	1,459	1,628	2,773	3,068	3,954	4,635	7,233	10,585	10,976	12,901	15,028
OPTICAL INSTRUMENTS (8613)...	1,194	982	1,565	2,160	3,195	4,052	4,639	9,459	9,374	15,165	39,250
MEASURING, CONTROL INSTR											
NES(8619).....	51,235	51,298	59,999	66,195	83,138	99,556	117,898	147,080	165,723	201,771	249,950

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

ITALY, USSR AND EUROPEAN CEMA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	708,658	749,289	789,509	993,623	1,661,245	2,183,699	1,973,488	2,285,597	2,425,972	2,658,081	2,751,355
HIGH TECHNOLOGY GOODS.....	87,475	66,214	65,652	98,246	130,616	164,313	142,342	239,223	312,916	315,244	266,962
NUCLEAR REACTORS (7117).....	O	O	O	O	O	O	O	O	O	O	O
CALC MACHINES, COMPUTERS											
(7142).....	3,675	4,234	2,533	3,855	2,681	5,876	3,378	2,498	4,147	3,839	3,645
STATISTICAL MACHINES(7143)...	784	2,006	84	1,394	890	2,604	1,796	1,047	2,253	1,490	7,060
MACHINE TOOLS FOR METAL											
(7151).....	40,316	18,236	28,427	48,626	74,292	77,867	79,586	83,746	150,005	155,614	142,304
TELECOMMUNICATIONS EQUIP											
(7249).....	3,367	2,331	4,034	8,023	4,173	7,478	4,434	8,601	15,115	11,359	6,080
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	1,341	1,698	1,604	2,110	3,572	4,170	1,942	2,678	3,048	4,049	3,137
ELEC AND PROTON ACCELERATORS											
(7297).....	-	-	-	-	-	-	-	-	20	-	-
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	20,749	17,931	8,939	15,414	12,444	26,340	17,339	63,857	50,924	68,033	55,818
AIRCRAFT HEAVIER THAN AIR											
(7341).....	125	O	O	141	O	O	108	O	13	12	2,328
WARSHIPS (7351).....	-	-	O	-	-	-	25	-	-	-	-
OPTICAL ELEMENTS (8611).....	5	11	60	31	23	11	58	96	72	186	356
OPTICAL INSTRUMENTS (8613)...	21	21	40	74	42	80	199	759	162	84	105
MEASURING, CONTROL INSTR											
NES(8619).....	8,119	5,649	3,929	4,641	10,552	7,972	8,585	17,906	14,505	15,438	10,893

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES: 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

ITALY, USSR

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	307,900	295,489	268,603	351,388	617,666	1,019,666	981,423	1,227,668	1,133,024	1,219,860	1,271,071
HIGH TECHNOLOGY GOODS.....	59,580	37,437	32,174	41,893	51,230	75,311	69,161	134,955	178,866	171,920	115,064
NUCLEAR REACTORS (7117).....				0							
CALC MACHINES, COMPUTERS (7142).....	739	964	652	1,844	723	2,427	1,362	1,128	616	1,900	1,329
STATISTICAL MACHINES(7143)....	579	2,002	50	798	370	1,089	1,688	596	1,427	441	3,460
MACHINE TOOLS FOR METAL (7151).....	31,749	10,419	16,337	24,498	39,852	43,604	38,771	42,627	76,717	78,263	68,317
TELECOMMUNICATIONS EQUIP (7249).....	301	319	1,651	2,975	434	419	1,409	4,759	10,346	5,179	2,645
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	263	191	269	277	122	206	107	65	175	109	247
ELECTRICAL MACHINERY, N.E.S. (7299).....	16,869	12,781	4,268	3,692	2,452	11,907	6,973	27,155	27,067	41,383	16,611
AIRCRAFT HEAVIER THAN AIR (7341).....	0	-	0	-	-	-	42	0	-	-	-
OPTICAL ELEMENTS (8611).....	3	2	3	11	0	0	26	10	12	1	4
OPTICAL INSTRUMENTS (8613)....	11	18	0	34	0	10	80	576	29	20	13
MEASURING, CONTROL INSTR NES(8619).....	5,600	3,229	1,659	1,992	2,916	2,524	4,898	12,650	9,093	10,825	5,834

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

ITALY, EUROPEAN CEMA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	400,758	453,800	520,906	642,235	1,043,579	1,164,033	992,065	1,057,929	1,292,948	1,438,221	1,480,284
HIGH TECHNOLOGY GOODS.....	27,895	28,777	33,478	56,353	79,386	89,002	73,181	104,268	134,050	143,324	151,898
NUCLEAR REACTORS (7117).....	O	O	O	O	O	O	O	O	O	O	O
CALC MACHINES, COMPUTERS	2,936	3,270	1,881	2,011	1,958	3,449	2,016	1,370	3,531	1,939	2,316
(7142).....	205	4	34	596	520	1,515	108	451	826	1,049	3,600
STATISTICAL MACHINES(7143)...											
MACHINE TOOLS FOR METAL	8,567	7,817	12,090	24,128	34,440	34,263	40,815	41,119	73,288	77,351	73,987
(7151).....											
TELECOMMUNICATIONS EQUIP	3,066	2,012	2,383	5,048	3,739	7,059	3,025	3,842	4,769	6,180	3,435
(7249).....											
TUBES, TRANSISTORS,	1,078	1,507	1,335	1,833	3,450	3,964	1,835	2,613	2,873	3,940	2,890
PHOTOCELLS(7293).....											
ELEC AND PROTON ACCELERATORS											
(7297).....									20		
ELECTRICAL MACHINERY, N.E.S.	3,880	5,150	4,671	11,722	9,992	14,433	10,366	36,702	23,857	26,650	39,207
(7299).....											
AIRCRAFT HEAVIER THAN AIR	125	O	O	141	O	O	66	-	13	12	2,328
(7341).....							25	-	-	-	-
WARSHIPS (7351).....							32	-	-	-	-
OPTICAL ELEMENTS (8611).....	2	9	57	20	23	11	32	86	60	185	352
OPTICAL INSTRUMENTS (8613)...	10	3	40	40	42	70	119	183	133	64	92
MEASURING, CONTROL INSTR											
NES(8619).....	2,519	2,420	2,270	2,649	7,636	5,448	3,687	5,256	5,412	4,613	5,059

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

BULGARIA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	49,527	53,048	59,710	67,013	95,181	131,621	95,646	97,981	108,302	135,756	164,032
HIGH TECHNOLOGY GOODS.....	3,347	3,955	1,697	3,181	3,631	6,980	7,596	4,692	5,884	4,978	10,898
CALC MACHINES, COMPUTERS (7142).....	324	169	20	317	26	291	1	57	389	-	-
STATISTICAL MACHINES(7143)...	39	-	-	7	-	37	-	6	7	29	480
MACHINE TOOLS FOR METAL (7151).....	1,294	874	420	1,156	694	1,081	3,545	1,348	668	652	1,171
TELECOMMUNICATIONS EQUIP (7249).....	376	478	306	382	197	555	533	1,089	901	898	51
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	133	285	6	37	40	165	175	546	272	439	213
ELECTRICAL MACHINERY, N.E.S. (7299).....	787	1,002	388	438	1,394	1,538	1,868	1,179	2,952	1,980	3,324
OPTICAL ELEMENTS (8611).....	1	-	1	-	0	3	3	-	-	-	-
OPTICAL INSTRUMENTS (8613)...	-	-	2	-	-	2	-	-	-	-	-
MEASURING, CONTROL INSTR NES(8619).....	106	105	61	185	756	820	205	175	193	125	445

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

CZECHOSLOVAKIA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	74,662	76,575	90,115	86,268	123,593	121,671	113,010	124,261	150,243	154,344	177,344
HIGH TECHNOLOGY GOODS.....	4,926	3,371	3,175	6,574	6,634	5,042	5,372	5,230	8,700	5,568	17,215
CALC MACHINES, COMPUTERS											
(7142).....	436	428	624	333	239	293	542	440	246	62	91
STATISTICAL MACHINES(7143)...	51	-	10	38	395	56	29	43	248	228	1,133
MACHINE TOOLS FOR METAL											
(7151).....	891	1,286	625	1,643	997	2,186	2,407	2,863	5,520	3,242	11,373
TELECOMMUNICATIONS EQUIP											
(7249).....	723	451	588	2,657	698	813	290	160	354	273	285
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	17	21	41	83	25	21	31	41	22	29	42
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	400	514	152	735	1,335	581	905	716	980	962	2,596
AIRCRAFT HEAVIER THAN AIR											
(7341).....	125	0	0	0	0	0	1	-	13	12	0
WARSHIPS (7351).....	-	-	0	-	-	-	25	-	-	-	-
OPTICAL ELEMENTS (8611).....	1	0	7	6	3	4	2	21	0	0	0
OPTICAL INSTRUMENTS (8613)...	1	0	0	9	5	50	76	81	95	17	7
MEASURING, CONTROL INSTR											
NES(8619).....	835	232	305	344	505	312	334	263	405	269	354

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

EAST GERMANY

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	26,498	24,942	29,920	48,272	82,725	88,729	82,278	80,235	135,603	160,358	140,508
HIGH TECHNOLOGY GOODS.....	1,393	1,253	670	1,949	1,968	2,115	2,338	7,000	7,102	8,403	17,586
NUCLEAR REACTORS (7117).....	0	0	0	0	0	0	0	0	0	0	0
CALC MACHINES, COMPUTERS	22	74	14	208	72	53	137	1	21	2	0
(7142).....	-	-	0	-	41	66	-	3	21	9	44
STATISTICAL MACHINES(7143)....	-	-	-	-	-	-	-	-	-	-	-
MACHINE TOOLS FOR METAL	957	856	428	532	1,209	1,651	1,322	2,572	3,896	2,740	6,227
(7151).....	-	-	-	-	-	-	-	-	-	-	-
TELECOMMUNICATIONS EQUIP	15	6	52	72	139	136	148	81	48	611	89
(7249).....	-	-	-	-	-	-	-	-	-	-	-
TUBES, TRANSISTORS,	0	37	3	2	6	8	32	8	189	16	52
PHOTOCELLS(7293).....	-	-	-	-	-	-	-	-	-	-	-
ELECTRICAL MACHINERY, N.E.S.	73	144	9	88	214	110	453	1,724	518	2,304	10,791
(7299).....	0	5	13	0	0	1	0	0	0	0	0
OPTICAL ELEMENTS (8611).....	1	0	26	27	1	1	0	79	1	4	1
OPTICAL INSTRUMENTS (8613)....	-	-	-	-	-	-	-	-	-	-	-
MEASURING, CONTROL INSTR	127	58	48	53	49	57	80	159	130	352	128
NES(8619).....	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

HUNGARY

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	92,147	108,349	102,949	113,353	205,436	189,335	168,911	190,677	249,020	248,750	266,654
HIGH TECHNOLOGY GOODS.....	4,259	5,995	3,952	4,351	6,584	11,518	10,526	6,704	15,911	13,073	16,276
NUCLEAR REACTORS (7117).....	-	-	-	0	-	-	-	-	-	-	-
CALC MACHINES, COMPUTERS	-	-	-	-	-	-	-	-	-	-	-
(7142).....	1,725	1,784	830	605	982	1,871	1,056	477	2,740	1,802	2,197
STATISTICAL MACHINES(7143)...	79	4	5	17	67	2	5	16	57	65	992
MACHINE TOOLS FOR METAL	-	-	-	-	-	-	-	-	-	-	-
(7151).....	164	531	512	349	286	1,438	5,077	1,009	4,399	2,641	3,369
TELECOMMUNICATIONS EQUIP	-	-	-	-	-	-	-	-	-	-	-
(7249).....	488	611	549	837	747	693	364	953	384	1,983	1,125
TUBES, TRANSISTORS,	-	-	-	-	-	-	-	-	-	-	-
PHOTOCELLS(7293).....	332	528	446	461	905	1,549	379	678	1,252	1,742	1,329
ELECTRICAL MACHINERY, N.E.S.	-	-	-	-	-	-	-	-	-	-	-
(7299).....	437	725	555	953	1,397	2,287	1,064	964	1,221	651	1,394
AIRCRAFT HEAVIER THAN AIR	-	-	-	-	-	-	-	-	-	-	-
(7341).....	-	-	-	-	-	-	-	-	-	-	-
OPTICAL ELEMENTS (8611).....	0	0	0	2	0	1	1	5	54	169	2,328
OPTICAL INSTRUMENTS (8613)...	-	2	-	4	6	5	11	-	15	-	339
MEASURING, CONTROL INSTR	-	-	-	-	-	-	-	-	-	-	8
NES(8619).....	240	658	400	184	721	418	520	751	908	710	412

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

POLAND

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	72,119	87,728	127,344	187,668	330,389	402,543	327,681	385,790	395,670	385,719	381,601
HIGH TECHNOLOGY GOODS.....	5,900	6,326	11,548	19,589	45,049	43,691	26,083	56,097	39,793	26,985	26,299
CALC MACHINES, COMPUTERS											
(7142).....	172	437	265	312	489	696	251	367	61	63	7
STATISTICAL MACHINES(7143)...	-	-	15	109	0	1,315	34	150	110	252	527
MACHINE TOOLS FOR METAL											
(7151).....	2,626	1,792	6,356	12,205	25,135	20,824	14,733	20,510	22,174	15,808	14,890
TELECOMMUNICATIONS EQUIP											
(7249).....	75	77	226	244	546	1,463	1,091	369	521	479	683
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	358	503	770	1,048	1,853	1,634	652	637	461	849	972
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	1,083	1,580	1,339	2,740	3,517	7,534	3,748	28,290	9,311	3,631	2,571
AIRCRAFT HEAVIER THAN AIR											
(7341).....	-	0	-	-	0	-	65	-	-	-	-
OPTICAL ELEMENTS (8611).....	0	2	18	3	10	1	7	27	2	0	8
OPTICAL INSTRUMENTS (8613)...	1	1	12	0	2	8	32	22	19	39	61
MEASURING, CONTROL INSTR											
NES(8619).....	455	593	666	943	4,129	1,970	1,437	2,195	1,394	1,243	1,775

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

ROMANIA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	78,942	94,791	102,252	129,862	192,297	213,593	191,116	164,653	241,245	332,674	327,112
HIGH TECHNOLOGY GOODS.....	7,761	7,295	12,143	20,522	15,199	19,099	21,201	24,321	56,090	83,759	61,933
NUCLEAR REACTORS (7117).....	-	-	0	-	-	-	-	-	-	-	-
CALC MACHINES, COMPUTERS	254	378	127	236	148	245	29	14	54	10	8
(7142).....	36	-	4	425	17	39	40	233	383	453	421
STATISTICAL MACHINES(7143)...	-	-	-	-	-	-	-	-	-	-	-
MACHINE TOOLS FOR METAL	2,610	2,249	3,668	8,224	6,066	6,810	13,729	12,807	36,630	52,268	36,369
(7151).....	-	-	-	-	-	-	-	-	-	-	-
TELECOMMUNICATIONS EQUIP	1,370	358	648	797	1,329	3,363	595	1,073	2,552	1,835	1,183
(7249).....	-	-	-	-	-	-	-	-	-	-	-
TUBES, TRANSISTORS,	206	131	67	183	619	587	566	683	675	864	274
PHOTOCELLS(7293).....	-	-	-	-	-	-	-	-	-	-	-
ELEC AND PROTON ACCELERATORS	-	-	-	-	-	-	-	-	20	-	-
(7297).....	-	-	-	-	-	-	-	-	-	-	-
ELECTRICAL MACHINERY, N.E.S.	1,075	1,070	2,210	6,763	2,103	2,383	2,316	3,820	8,470	16,896	18,209
(7299).....	-	-	-	141	-	-	-	-	-	-	-
AIRCRAFT HEAVIER THAN AIR	-	-	12	9	10	1	19	30	-	-	-
(7341).....	-	-	0	-	21	-	-	1	3	1	0
OPTICAL ELEMENTS (8611).....	3	-	-	-	-	-	-	-	-	-	-
OPTICAL INSTRUMENTS (8613)...	-	-	-	-	-	-	-	-	-	-	-
MEASURING, CONTROL INSTR	721	745	746	915	1,412	1,752	1,105	1,709	2,282	1,746	1,512
NES(8619).....	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

ALBANIA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	6,863	8,367	8,616	9,799	13,958	16,551	13,423	14,332	12,865	20,620	23,033
HIGH TECHNOLOGY GOODS.....	309	582	293	187	321	557	65	224	570	558	1,691
CALC MACHINES, COMPUTERS (7142).....	3	-	1	-	2	-	-	14	20	0	13
STATISTICAL MACHINES(7143)....	-	-	-	-	-	-	-	-	-	13	3
MACHINE TOOLS FOR METAL (7151).....	25	229	81	19	53	273	2	10	1	-	588
TELECOMMUNICATIONS EQUIP (7249).....	19	31	14	59	83	36	4	117	9	101	19
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	32	2	2	19	2	-	-	20	2	1	8
ELECTRICAL MACHINERY, N.E.S. (7299).....	25	115	18	5	32	0	12	9	405	226	322
OPTICAL ELEMENTS (8611).....	-	2	6	-	-	-	-	3	4	16	5
OPTICAL INSTRUMENTS (8613)....	4	-	-	-	7	4	-	-	-	3	15
MEASURING, CONTROL INSTR NES(8619).....	35	29	44	25	64	119	6	4	100	168	433

- Data not available.

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EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

EXPORTS FOR (ITALY, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	77,640,451	2,751,355	1,271,071	1,480,284
HIGH TECHNOLOGY GOODS.....	5,137,894	266,962	115,064	151,898
NUCLEAR REACTORS (7117).....	775	-	-	-
CALC MACHINES, COMPUTERS (7142).....	132,018	3,645	1,329	2,316
STATISTICAL MACHINES(7143)...	1,157,574	7,060	3,460	3,600
MACHINE TOOLS FOR METAL (7151).....	845,008	142,304	68,317	73,987
TELECOMMUNICATIONS EQUIP (7249).....	583,131	6,080	2,645	3,435
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	325,129	3,137	247	2,890
ELEC AND PROTON ACCELERATORS (7297).....	49	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	427,893	55,818	16,611	39,207
AIRCRAFT HEAVIER THAN AIR (7341).....	239,957	2,328	-	2,328
WARSHIPS (7351).....	209	-	-	-
OPTICAL ELEMENTS (8611).....	15,028	356	4	352
OPTICAL INSTRUMENTS (8613)...	39,250	105	13	92
MEASURING, CONTROL INSTR NES(8619).....	249,950	10,893	5,834	5,059

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EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(PERCENT DISTRIBUTION OF EXPORTS, BY COMMODITY)

EXPORTING COUNTRY:

EXPORTS FOR (ITALY, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	100.00	100.00	100.00	100.00
HIGH TECHNOLOGY GOODS.....	6.62	9.70	9.05	10.26
NUCLEAR REACTORS (7117).....	.00	-	-	-
CALC MACHINES, COMPUTERS (7142).....	.17	.13	.10	.16
STATISTICAL MACHINES(7143)...	1.49	.26	.27	.24
MACHINE TOOLS FOR METAL (7151).....	1.09	5.17	5.37	5.00
TELECOMMUNICATIONS EQUIP (7249).....	.75	.22	.21	.23
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	.42	.11	.02	.20
ELEC AND PROTON ACCELERATORS (7297).....	.00	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	.55	2.03	1.31	2.65
AIRCRAFT HEAVIER THAN AIR (7341).....	.31	.08	-	.16
WARSHIPS (7351).....	.00	-	-	-
OPTICAL ELEMENTS (8611).....	.02	.01	.00	.02
OPTICAL INSTRUMENTS (8613)...	.05	.00	.00	.01
MEASURING, CONTROL INSTR NES(8619).....	.32	.40	.46	.34

- Data not available.

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EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(PERCENT DISTRIBUTION OF EXPORTS, BY PARTNER)

EXPORTING COUNTRY:

EXPORTS FOR (ITALY, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	100.00	3.54	1.64	1.91
HIGH TECHNOLOGY GOODS.....	100.00	5.20	2.24	2.96
NUCLEAR REACTORS (7117).....	100.00	-	-	-
CALC MACHINES, COMPUTERS (7142).....	100.00	2.76	1.01	1.75
STATISTICAL MACHINES(7143)...	100.00	.61	.30	.31
MACHINE TOOLS FOR METAL (7151).....	100.00	16.84	8.08	8.76
TELECOMMUNICATIONS EQUIP (7249).....	100.00	1.04	.45	.59
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	100.00	.96	.08	.89
ELEC AND PROTON ACCELERATORS (7297).....	100.00	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	100.00	13.04	3.88	9.16
AIRCRAFT HEAVIER THAN AIR (7341).....	100.00	.97	-	.97
WARSHIPS (7351).....	100.00	-	-	-
OPTICAL ELEMENTS (8611).....	100.00	2.37	.03	2.34
OPTICAL INSTRUMENTS (8613)...	100.00	.27	.03	.23
MEASURING, CONTROL INSTR NES(8619).....	100.00	4.36	2.33	2.02

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

ITALY, WORLD

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	13209833	15110628	18547786	22222946	30251786	34825110	36966133	45062434	56048281	72236768	77640451
HIGH TECHNOLOGY GOODS.....	938,381	1,017501	1,158926	1,367241	1,722690	2,048658	2,323403	2,695154	3,288368	3,967298	5,137894
NUCLEAR REACTORS (7117).....	119	73	4,216	3,663	4,573	1,935	9,798	1,268	2,003	0	775
CALC. MACHINES, COMPUTERS (7142).....	160,133	147,408	128,861	141,334	149,147	145,676	143,933	113,224	127,086	171,366	132,018
STATISTICAL MACHINES(7143)...	109,447	107,372	101,014	98,564	148,970	172,080	231,130	240,553	326,413	460,530	1,157574
MACHINE TOOLS FOR METAL (7151).....	190,756	186,171	219,941	236,185	318,996	430,988	363,693	436,904	598,401	690,165	845,008
TELECOMMUNICATIONS EQUIP (7249).....	124,415	169,547	209,337	271,601	267,355	340,405	436,205	491,028	529,796	598,011	583,131
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	48,909	53,880	80,729	122,734	136,738	127,734	171,734	205,258	257,594	282,348	325,129
ELEC AND PROTON ACCELERATORS (7297).....	9	1	15	8	8	7	21	38	45	13	49
ELECTRICAL MACHINERY, N.E.S. (7299).....	79,209	79,981	85,994	110,702	145,168	184,692	181,454	263,980	284,884	380,203	427,893
AIRCRAFT HEAVIER THAN AIR (7341).....	29,453	46,664	39,441	52,168	111,546	124,316	211,896	164,551	270,074	256,841	239,957
WARSHIPS (7351).....	329	0	1,602	2,272	7,820	327	3,962	-	-	41,650	209
OPTICAL ELEMENTS (8611).....	1,459	1,628	2,773	3,068	3,954	4,635	7,233	10,585	10,976	12,901	15,028
OPTICAL INSTRUMENTS (8613)...	1,194	982	1,565	2,160	3,195	4,052	4,639	9,459	9,374	15,165	39,250
MEASURING, CONTROL INSTR NES(8619).....	51,235	51,298	59,999	66,195	83,138	99,556	117,898	147,080	165,723	201,771	249,950

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

ITALY, USSR AND EUROPEAN CEMA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	708,658	749,289	789,509	993,623	1,661,245	2,183,699	1,973,488	2,285,597	2,425,972	2,658,081	2,751,355
HIGH TECHNOLOGY GOODS.....	87,475	66,214	65,652	98,246	130,616	164,313	142,342	239,223	312,916	315,244	266,962
NUCLEAR REACTORS (7117).....	0	0	0	0	0	0	0	0	0	0	0
CALC MACHINES, COMPUTERS (7142).....	3,675	4,234	2,533	3,855	2,681	5,876	3,378	2,498	4,147	3,839	3,645
STATISTICAL MACHINES(7143)...	784	2,006	84	1,394	890	2,604	1,796	1,047	2,253	1,490	7,060
MACHINE TOOLS FOR METAL (7151).....	40,316	18,236	28,427	48,626	74,292	77,867	79,586	83,746	150,005	155,614	142,304
TELECOMMUNICATIONS EQUIP (7249).....	3,367	2,331	4,034	8,023	4,173	7,478	4,434	8,601	15,115	11,359	6,080
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	1,341	1,698	1,604	2,110	3,572	4,170	1,942	2,678	3,048	4,049	3,137
ELEC AND PROTON ACCELERATORS (7297).....	-	-	-	-	-	-	-	-	20	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	20,749	17,931	8,939	15,414	12,444	26,340	17,339	63,857	50,924	68,033	55,818
AIRCRAFT HEAVIER THAN AIR (7341).....	125	0	0	141	0	0	108	0	13	12	2,328
WARSHIPS (7351).....	-	-	0	-	-	-	25	-	-	-	-
OPTICAL ELEMENTS (8611).....	5	11	60	31	23	11	58	96	72	186	356
OPTICAL INSTRUMENTS (8613)...	21	21	40	74	42	80	199	759	162	84	105
MEASURING, CONTROL INSTR NES(8619).....	8,119	5,649	3,929	4,641	10,552	7,972	8,585	17,906	14,505	15,438	10,893

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

ITALY, USSR

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	307,900	295,489	268,603	351,388	617,666	1,019,666	981,423	1,227,668	1,133,024	1,219,860	1,271,071
HIGH TECHNOLOGY GOODS.....	59,580	37,437	32,174	41,893	51,230	75,311	69,161	134,955	178,866	171,920	115,064
NUCLEAR REACTORS (7117).....	-	-	-	0	-	-	-	-	-	-	-
CALC MACHINES, COMPUTERS											
(7142).....	739	964	652	1,844	723	2,427	1,362	1,128	616	1,900	1,329
STATISTICAL MACHINES(7143)...	579	2,002	50	798	370	1,089	1,688	596	1,427	441	3,460
MACHINE TOOLS FOR METAL											
(7151).....	31,749	10,419	16,337	24,498	39,852	43,604	38,771	42,627	76,717	78,263	68,317
TELECOMMUNICATIONS EQUIP											
(7249).....	301	319	1,651	2,975	434	419	1,409	4,759	10,346	5,179	2,645
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	263	191	269	277	122	206	107	65	175	109	247
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	16,869	12,781	4,268	3,692	2,452	11,907	6,973	27,155	27,067	41,383	16,611
AIRCRAFT HEAVIER THAN AIR											
(7341).....	0	-	0	-	-	-	42	0	-	-	-
OPTICAL ELEMENTS (8611).....	3	2	3	11	0	0	26	10	12	1	4
OPTICAL INSTRUMENTS (8613)...	11	18	0	34	0	10	80	576	29	20	13
MEASURING, CONTROL INSTR											
NES(8619).....	5,600	3,229	1,659	1,992	2,916	2,524	4,898	12,650	9,093	10,825	5,834

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

ITALY, EUROPEAN CEMA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	400,758	453,800	520,906	642,235	1,043,579	1,164,033	992,065	1,057,929	1,292,948	1,438,221	1,480,284
HIGH TECHNOLOGY GOODS.....	27,895	28,777	33,478	56,353	79,386	89,002	73,181	104,268	134,050	143,324	151,898
NUCLEAR REACTORS (7117).....	0	0	0	0	0	0	0	0	0	0	0
CALC MACHINES, COMPUTERS											
(7142).....	2,936	3,270	1,881	2,011	1,958	3,449	2,016	1,370	3,531	1,939	2,316
STATISTICAL MACHINES(7143)...	205	4	34	596	520	1,515	108	451	826	1,049	3,600
MACHINE TOOLS FOR METAL											
(7151).....	8,567	7,817	12,090	24,128	34,440	34,263	40,815	41,119	73,288	77,351	73,987
TELECOMMUNICATIONS EQUIP											
(7249).....	3,066	2,012	2,383	5,048	3,739	7,059	3,025	3,842	4,769	6,180	3,435
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	1,078	1,507	1,335	1,833	3,450	3,964	1,835	2,613	2,873	3,940	2,890
ELEC AND PROTON ACCELERATORS											
(7297).....	-	-	-	-	-	-	-	-	20	-	-
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	3,880	5,150	4,671	11,722	9,992	14,433	10,366	36,702	23,857	26,650	39,207
AIRCRAFT HEAVIER THAN AIR											
(7341).....	125	0	0	141	0	0	66	-	13	12	2,328
WARSHIPS (7351).....	-	-	0	-	-	-	25	-	-	-	-
OPTICAL ELEMENTS (8611).....	2	9	57	20	23	11	32	86	60	185	352
OPTICAL INSTRUMENTS (8613)...	10	3	40	40	42	70	119	183	133	64	92
MEASURING, CONTROL INSTR											
NES(8619).....	2,519	2,420	2,270	2,649	7,636	5,448	3,687	5,256	5,412	4,613	5,059

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

BULGARIA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	49,527	53,048	59,710	67,013	95,181	131,621	95,646	97,981	108,302	135,756	164,032
HIGH TECHNOLOGY GOODS.....	3,347	3,955	1,697	3,181	3,631	6,980	7,596	4,692	5,884	4,978	10,898
CALC MACHINES, COMPUTERS	324	169	20	317	26	291	1	57	389	-	-
(7142).....	39	-	-	7	-	37	-	6	7	29	480
STATISTICAL MACHINES(7143)...											
MACHINE TOOLS FOR METAL	1,294	874	420	1,156	694	1,081	3,545	1,348	668	652	1,171
(7151).....											
TELECOMMUNICATIONS EQUIP	376	478	306	382	197	555	533	1,089	901	898	51
(7249).....											
TUBES, TRANSISTORS,	133	285	6	37	40	165	175	546	272	439	213
PHOTOCELLS(7293).....											
ELECTRICAL MACHINERY, N.E.S.	787	1,002	388	438	1,394	1,538	1,868	1,179	2,952	1,980	3,324
(7299).....	1	-	1	-	0	3	3	-	-	-	-
OPTICAL ELEMENTS (8611).....	-	-	2	-	-	2	-	-	-	-	-
OPTICAL INSTRUMENTS (8613)...											
MEASURING, CONTROL INSTR	106	105	61	185	756	820	205	175	193	125	445
NES(8619).....											

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

CZECHOSLOVAKIA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	74,662	76,575	90,115	86,268	123,593	121,671	113,010	124,261	150,243	154,344	177,344
HIGH TECHNOLOGY GOODS.....	4,926	3,371	3,175	6,574	6,634	5,042	5,372	5,230	8,700	5,568	17,215
CALC MACHINES, COMPUTERS											
(7142).....	436	428	624	333	239	293	542	440	246	62	91
STATISTICAL MACHINES(7143)...	51	-	10	38	395	56	29	43	248	228	1,133
MACHINE TOOLS FOR METAL											
(7151).....	891	1,286	625	1,643	997	2,186	2,407	2,863	5,520	3,242	11,373
TELECOMMUNICATIONS EQUIP											
(7249).....	723	451	588	2,657	698	813	290	160	354	273	285
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	17	21	41	83	25	21	31	41	22	29	42
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	400	514	152	735	1,335	581	905	716	980	962	2,596
AIRCRAFT HEAVIER THAN AIR											
(7341).....	125	0	0	0	0	0	1	-	13	12	0
WARSHIPS (7351).....	-	-	0	-	-	-	25	-	-	-	-
OPTICAL ELEMENTS (8611).....	1	0	7	6	3	4	2	21	0	0	0
OPTICAL INSTRUMENTS (8613)...	1	0	0	9	5	50	76	81	95	17	7
MEASURING, CONTROL INSTR											
NES(8619).....	835	232	305	344	505	312	334	263	405	269	354

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

EAST GERMANY

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	26,498	24,942	29,920	48,272	82,725	88,729	82,278	80,235	135,603	160,358	140,508
HIGH TECHNOLOGY GOODS.....	1,393	1,253	670	1,949	1,968	2,115	2,338	7,000	7,102	8,403	17,586
NUCLEAR REACTORS (7117).....	0	-	0	-	-	-	0	-	-	-	-
CALC MACHINES, COMPUTERS											
(7142).....	22	74	14	208	72	53	137	1	21	2	0
STATISTICAL MACHINES(7143)...	-	-	0	-	41	66	-	3	21	9	44
MACHINE TOOLS FOR METAL											
(7151).....	957	856	428	532	1,209	1,651	1,322	2,572	3,896	2,740	6,227
TELECOMMUNICATIONS EQUIP											
(7249).....	15	6	52	72	139	136	148	81	48	611	89
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	0	37	3	2	6	8	32	8	189	16	52
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	73	144	9	88	214	110	453	1,724	518	2,304	10,791
OPTICAL ELEMENTS (8611).....	0	5	13	0	0	1	0	0	0	0	0
OPTICAL INSTRUMENTS (8613)...	1	0	26	27	1	1	0	79	1	4	1
MEASURING, CONTROL INSTR											
NES(8619).....	127	58	48	53	49	57	80	159	130	352	128

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

HUNGARY

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	92,147	108,349	102,949	113,353	205,436	189,325	168,911	190,677	249,020	248,750	266,654
HIGH TECHNOLOGY GOODS.....	4,259	5,995	3,952	4,351	6,584	11,518	10,526	6,704	15,911	13,073	16,276
NUCLEAR REACTORS (7117).....	-	-	-	0	-	-	-	-	-	-	-
CALC MACHINES, COMPUTERS	1,725	1,784	830	605	982	1,871	1,056	477	2,740	1,802	2,197
(7142).....	79	4	5	17	67	2	5	16	57	65	992
STATISTICAL MACHINES(7143)....	-	-	-	-	-	-	-	-	-	-	-
MACHINE TOOLS FOR METAL	164	531	512	349	286	1,438	5,077	1,009	4,399	2,641	3,369
(7151).....	-	-	-	-	-	-	-	-	-	-	-
TELECOMMUNICATIONS EQUIP	488	611	549	837	747	693	364	953	384	1,983	1,125
(7249).....	-	-	-	-	-	-	-	-	-	-	-
TUBES, TRANSISTORS,	332	528	446	461	905	1,549	379	678	1,252	1,742	1,329
PHOTOCELLS(7293).....	-	-	-	-	-	-	-	-	-	-	-
ELECTRICAL MACHINERY, N.E.S.	437	725	555	953	1,397	2,287	1,064	964	1,221	651	1,394
(7299).....	-	-	-	-	-	-	-	-	-	-	-
AIRCRAFT HEAVIER THAN AIR	-	-	-	-	-	-	-	-	-	-	-
(7341).....	-	-	-	-	-	-	-	-	-	-	-
OPTICAL ELEMENTS (8611).....	0	0	0	2	0	1	1	5	54	169	2,328
OPTICAL INSTRUMENTS (8613)....	-	2	-	4	6	5	11	-	15	-	339
MEASURING, CONTROL INSTR	-	-	-	-	-	-	-	-	-	-	8
NES(8619).....	240	658	400	184	721	418	520	751	908	710	412

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

POLAND

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	72,119	87,728	127,344	187,668	330,389	402,543	327,681	385,790	395,670	385,719	381,601
HIGH TECHNOLOGY GOODS.....	5,900	6,326	11,548	19,589	45,049	43,691	26,083	56,097	39,793	26,985	26,299
CALC MACHINES, COMPUTERS (7142).....	172	437	265	312	489	696	251	367	61	63	7
STATISTICAL MACHINES(7143).....	-	-	15	109	0	1,315	34	150	110	252	527
MACHINE TOOLS FOR METAL (7151).....	2,626	1,792	6,356	12,205	25,135	20,824	14,733	20,510	22,174	15,808	14,890
TELECOMMUNICATIONS EQUIP (7249).....	75	77	226	244	546	1,463	1,091	369	521	479	683
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	358	503	770	1,048	1,853	1,634	652	637	461	849	972
ELECTRICAL MACHINERY, N.E.S. (7299).....	1,083	1,580	1,339	2,740	3,517	7,534	3,748	28,290	9,311	3,631	2,571
AIRCRAFT HEAVIER THAN AIR (7341).....	-	0	-	-	0	-	65	-	-	-	-
OPTICAL ELEMENTS (8611).....	0	2	18	3	10	1	7	27	2	0	8
OPTICAL INSTRUMENTS (8613).....	1	1	12	0	2	8	32	22	19	39	61
MEASURING, CONTROL INSTR NES(8619).....	455	593	666	943	4,129	1,970	1,437	2,195	1,394	1,243	1,775

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

ROMANIA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	78,942	94,791	102,252	129,862	192,297	213,593	191,116	164,653	241,245	332,674	327,112
HIGH TECHNOLOGY GOODS.....	7,761	7,295	12,143	20,522	15,199	19,099	21,201	24,321	56,090	83,759	61,933
NUCLEAR REACTORS (7117).....	-	-	0	-	-	-	-	-	-	-	-
CALC MACHINES, COMPUTERS	254	378	127	236	148	245	29	14	54	10	8
(7142).....	36	-	4	425	17	39	40	233	383	453	421
STATISTICAL MACHINES(7143)...	-	-	-	-	-	-	-	-	-	-	-
MACHINE TOOLS FOR METAL	2,610	2,249	3,668	8,224	6,066	6,810	13,729	12,807	36,630	52,268	36,369
(7151).....	-	-	-	-	-	-	-	-	-	-	-
TELECOMMUNICATIONS EQUIP	1,370	358	648	797	1,329	3,363	595	1,073	2,552	1,835	1,183
(7249).....	-	-	-	-	-	-	-	-	-	-	-
TUBES, TRANSISTORS,	206	131	67	183	619	587	566	683	675	864	274
PHOTOCELLS(7293).....	-	-	-	-	-	-	-	-	20	-	-
ELEC AND PROTON ACCELERATORS	-	-	-	-	-	-	-	-	-	-	-
(7297).....	-	-	-	-	-	-	-	-	-	-	-
ELECTRICAL MACHINERY, N.E.S.	1,075	1,070	2,210	6,763	2,103	2,383	2,316	3,820	8,470	16,896	18,209
(7299).....	-	-	-	141	-	-	-	-	-	-	-
AIRCRAFT HEAVIER THAN AIR	-	-	-	9	-	1	19	30	-	-	-
(7341).....	-	-	12	-	10	-	-	1	-	-	-
OPTICAL ELEMENTS (8611).....	3	-	0	-	21	-	-	1	3	1	0
OPTICAL INSTRUMENTS (8613)...	-	-	-	-	-	-	-	-	-	-	-
MEASURING, CONTROL INSTR	-	-	-	-	-	-	-	-	-	-	-
NES(8619).....	721	745	746	915	1,412	1,752	1,105	1,709	2,282	1,746	1,512

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

ALBANIA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	6,863	8,367	8,616	9,799	13,958	16,551	13,423	14,332	12,865	20,620	23,033
HIGH TECHNOLOGY GOODS.....	309	582	293	187	321	557	65	224	570	558	1,691
CALC MACHINES, COMPUTERS (7142).....	3	-	1	-	2	-	-	14	20	0	13
STATISTICAL MACHINES(7143)....	-	-	-	-	-	-	-	-	-	13	3
MACHINE TOOLS FOR METAL (7151).....	25	229	81	19	53	273	2	10	1	-	588
TELECOMMUNICATIONS EQUIP (7249).....	19	31	14	59	83	36	4	117	9	101	19
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	32	2	2	19	2	-	-	20	2	1	8
ELECTRICAL MACHINERY, N.E.S. (7299).....	25	115	18	5	32	0	12	9	405	226	322
OPTICAL ELEMENTS (8611).....	-	2	6	-	-	-	-	3	4	16	5
OPTICAL INSTRUMENTS (8613)....	4	-	-	-	7	4	-	-	-	3	15
MEASURING, CONTROL INSTR NES(8619).....	35	29	44	25	64	119	6	4	100	168	433

- Data not available.

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EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

EXPORTS FOR (ITALY, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	77,640,451	2,751,355	1,271,071	1,480,284
HIGH TECHNOLOGY GOODS.....	5,137,894	266,962	115,064	151,898
NUCLEAR REACTORS (7117).....	775	-	-	-
CALC MACHINES, COMPUTERS (7142).....	132,018	3,645	1,329	2,316
STATISTICAL MACHINES(7143)...	1,157,574	7,060	3,460	3,600
MACHINE TOOLS FOR METAL (7151).....	845,008	142,304	68,317	73,987
TELECOMMUNICATIONS EQUIP (7249).....	583,131	6,080	2,645	3,435
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	325,129	3,137	247	2,890
ELEC AND PROTON ACCELERATORS (7297).....	49	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	427,893	55,818	16,611	39,207
AIRCRAFT HEAVIER THAN AIR (7341).....	239,957	2,328	-	2,328
WARSHIPS (7351).....	209	-	-	-
OPTICAL ELEMENTS (8611).....	15,028	356	4	352
OPTICAL INSTRUMENTS (8613)...	39,250	105	13	92
MEASURING, CONTROL INSTR NES(8619).....	249,950	10,893	5,834	5,059

- Data not available.

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EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(PERCENT DISTRIBUTION OF EXPORTS, BY COMMODITY)

EXPORTING COUNTRY:

EXPORTS FOR (ITALY, 1980).

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	100.00	100.00	100.00	100.00
HIGH TECHNOLOGY GOODS.....	6.62	9.70	9.05	10.26
NUCLEAR REACTORS (7117).....	.00	-	-	-
CALC MACHINES, COMPUTERS (7142).....	.17	.13	.10	.16
STATISTICAL MACHINES(7143)...	1.49	.26	.27	.24
MACHINE TOOLS FOR METAL (7151).....	1.09	5.17	5.37	5.00
TELECOMMUNICATIONS EQUIP (7249).....	.75	.22	.21	.23
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	.42	.11	.02	.20
ELEC AND PROTON ACCELERATORS (7297).....	.00	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	.55	2.03	1.31	2.65
AIRCRAFT HEAVIER THAN AIR (7341).....	.31	.08	-	.16
WARSHIPS (7351).....	.00	-	-	-
OPTICAL ELEMENTS (8611).....	.02	.01	.00	.02
OPTICAL INSTRUMENTS (8613)...	.05	.00	.00	.01
MEASURING, CONTROL INSTR NES(8619).....	.32	.40	.46	.34

- Data not available.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

CANADA, WORLD

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	16184891	17674523	20177769	25207333	32783390	32300337	38370445	41293081	44079991	55116702	63105060
HIGH TECHNOLOGY GOODS.....	468,922	497,991	601,219	639,898	824,857	842,977	1,026,574	1,003,482	967,428	1,412,147	1,488,008
NUCLEAR REACTORS (7117).....											
CALC MACHINES, COMPUTERS	9,541	9,305	19,991	54,524	54,318	86,621	113,312	52,845	53,123	66,778	66,093
(7142).....		150,024	187,876	168,111	200,899	195,672	232,934	280,040			
STATISTICAL MACHINES(7143)...	107,536										
MACHINE TOOLS FOR METAL		30,838	30,746	44,891	57,822	65,357	66,290	77,190	87,790	143,581	147,258
(7151).....	16,624										
TELECOMMUNICATIONS EQUIP		168,117	161,498	217,393	277,171	296,656	344,321	310,742	337,834	500,616	259,623
(7249).....	180,607										
TUBES, TRANSISTORS,		28,259	41,746	66,792	73,040	53,352	55,701	41,453			
PHOTOCELLS(7293).....	24,607										
ELEC AND PROTON ACCELERATORS											
(7297).....											
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	10,571	12,512	11,523	11,984	21,188	18,027	18,866	17,532	1,694	2,348	2,431
AIRCRAFT HEAVIER THAN AIR		58,455	102,547	30,839	66,760	31,594	85,343	101,093	381,325	576,553	855,728
(7341).....	92,830										
WARSHIPS (7351).....											
OPTICAL ELEMENTS (8611).....	3,790	3,561	3,961	5,168	6,984	7,206	6,791	5,703	7,239	9,438	7,911
OPTICAL INSTRUMENTS (8613)...				787	1,365	1,398	2,852	1,492	1,864	2,469	2,239
MEASURING, CONTROL INSTR											
NES(8619).....	0	10,965	20,441	12,288	25,824	37,130	36,433	42,037	54,163	66,944	81,847

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

CANADA, USSR AND EUROPEAN CEMA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	136,671	169,906	354,363	383,702	168,610	609,873	786,492	545,883	743,247	991,469	1,773,112
HIGH TECHNOLOGY GOODS.....	185	632	202	1,385	1,856	9,015	5,924	4,665	10,705	10,234	24,203
CALC MACHINES, COMPUTERS											
(7142).....	6	5	-	207	623	359	699	0	-	240	-
STATISTICAL MACHINES(7143)....	-	77	-	176	216	219	328	582	-	-	-
MACHINE TOOLS FOR METAL											
(7151).....	42	345	53	313	1	2,315	3,099	583	1,131	214	133
TELECOMMUNICATIONS EQUIP											
(7249).....	2	13	29	369	459	326	910	1,693	562	1,443	12
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	3	1	0	1	95	780	404	109	0	0	0
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	132	14	50	226	46	409	143	359	0	0	0
AIRCRAFT HEAVIER THAN AIR											
(7341).....	0	0	-	0	0	0	0	0	33	80	158
OPTICAL ELEMENTS (8611).....	0	0	0	0	0	0	0	0	2	0	0
OPTICAL INSTRUMENTS (8613)....	0	0	0	0	1	0	0	0	0	0	0
MEASURING, CONTROL INSTR											
NES(8619).....	0	177	70	59	158	303	274	107	299	794	2,138

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

CANADA, USSR

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	97,713	124,907	285,526	292,213	30,181	402,359	542,940	338,403	478,442	653,900	1,314,830
HIGH TECHNOLOGY GOODS.....	79	469	4	464	415	6,817	4,397	2,212	8,760	6,914	23,070
CALC MACHINES, COMPUTERS	-	-	-	-	-	3	699	-	-	1	-
(7142).....	-	77	-	8	-	178	319	32	-	-	-
STATISTICAL MACHINES(7143)...	-	-	-	-	-	-	-	-	-	-	-
MACHINE TOOLS FOR METAL	-	-	-	-	-	-	-	-	-	-	-
(7151).....	0	229	3	245	0	2,190	2,965	372	141	161	94
TELECOMMUNICATIONS EQUIP	-	-	-	-	-	-	-	-	-	-	-
(7249).....	0	-	-	78	135	20	273	541	0	29	-
TUBES, TRANSISTORS,	-	-	-	-	-	-	-	-	-	-	-
PHOTOCELLS(7293).....	-	-	0	0	4	20	104	8	-	-	0
ELECTRICAL MACHINERY, N.E.S.	-	-	-	-	-	-	-	-	-	-	-
(7299).....	79	-	-	128	12	124	8	43	-	-	-
AIRCRAFT HEAVIER THAN AIR	-	-	-	-	-	-	-	-	-	-	-
(7341).....	-	-	-	-	-	-	-	-	-	-	66
OPTICAL ELEMENTS (8611).....	0	0	0	0	0	0	0	0	2	0	0
OPTICAL INSTRUMENTS (8613)...	0	0	0	0	0	0	0	0	0	0	0
MEASURING, CONTROL INSTR	-	-	-	-	-	-	-	-	-	-	-
NES(8619).....	0	163	1	5	8	75	29	1	0	16	1,288

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

CANADA, EUROPEAN CEMA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	38,958	44,999	68,837	91,489	138,429	207,514	243,552	207,480	264,805	337,569	458,282
HIGH TECHNOLOGY GOODS.....	106	163	198	921	1,441	2,198	1,527	2,453	1,945	3,320	1,133
CALC MACHINES, COMPUTERS											
(7142).....	6	5	-	207	623	356	-	0	-	239	-
STATISTICAL MACHINES(7143)....	-	0	-	168	216	41	9	550	-	-	-
MACHINE TOOLS FOR METAL											
(7151).....	42	116	50	68	1	125	134	211	990	53	39
TELECOMMUNICATIONS EQUIP											
(7249).....	2	13	29	291	324	306	637	1,152	562	1,414	12
TUBES, TRANSISTORS.											
PHOTOCELLS(7293).....	3	1	0	1	91	760	300	101	0	0	-
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	53	14	50	98	34	285	135	316	0	0	0
AIRCRAFT HEAVIER THAN AIR											
(7341).....	0	0	-	0	0	0	0	0	33	80	92
OPTICAL ELEMENTS (8611).....	0	0	0	0	0	0	0	0	0	0	-
OPTICAL INSTRUMENTS (8613)....	0	0	0	0	1	0	0	0	0	0	0
MEASURING, CONTROL INSTR											
NES(8619).....	0	14	69	54	150	228	245	106	299	778	850

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

BULGARIA

EXPORTS											
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	3,274	899	612	486	5,409	2,494	6,496	4,100	4,237	7,999	6,298
HIGH TECHNOLOGY GOODS.....	0	0	39	70	17	48	16	38	174	80	109
STATISTICAL MACHINES(7143)...	-	-	-	-	17	24	-	-	-	-	-
MACHINE TOOLS FOR METAL											
(7151).....	0	0	0	0	0	0	1	0	0	0	0
TELECOMMUNICATIONS EQUIP											
(7249).....	-	-	10	66	-	11	1	31	174	17	-
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	-	-	-	-	-	-	2	-	-	-	-
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	-	-	29	-	-	-	-	7	-	-	-
MEASURING, CONTROL INSTR											
NES(8619).....	-	-	-	4	-	13	12	-	-	63	109

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

CZECHOSLOVAKIA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	6,687	6,104	4,501	9,958	23,496	9,900	17,897	14,136	11,184	30,898	109,538
HIGH TECHNOLOGY GOODS.....	43	29	95	218	252	496	596	1,209	141	175	262
CALC MACHINES, COMPUTERS	-	-	-	-	-	-	-	-	-	-	-
(7142).....	1	5	-	-	47	14	-	549	-	-	-
STATISTICAL MACHINES(7143)...	-	-	-	-	-	-	-	-	-	-	-
MACHINE TOOLS FOR METAL	-	-	-	-	-	-	-	-	-	-	-
(7151).....	38	17	50	68	1	120	69	35	71	8	5
TELECOMMUNICATIONS EQUIP	-	-	-	-	-	-	-	-	-	-	-
(7249).....	0	1	1	84	109	215	339	526	24	108	0
TUBES, TRANSISTORS,	-	-	-	-	-	-	-	-	-	-	-
PHOTOCELLS(7293).....	0	0	0	0	1	17	5	12	0	-	-
ELECTRICAL MACHINERY, N.E.S.	-	-	-	-	-	-	-	-	-	-	-
(7299).....	4	0	-	20	-	3	1	7	-	-	-
AIRCRAFT HEAVIER THAN AIR	-	-	-	-	-	-	-	-	-	-	-
(7341).....	0	0	-	0	-	-	-	-	0	0	20
OPTICAL ELEMENTS (8611).....	-	0	-	0	-	0	-	-	-	-	-
OPTICAL INSTRUMENTS (8613)...	0	0	0	0	0	0	0	0	0	0	0
MEASURING, CONTROL INSTR	-	-	-	-	-	-	-	-	-	-	-
NES(8619).....	0	6	44	12	94	127	115	80	46	59	114

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

EAST GERMANY

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	392	740	9,697	3,035	3,351	4,199	46,743	29,630	20,650	30,724	8,510
HIGH TECHNOLOGY GOODS.....	9	12	3	27	28	10	50	0	5	9	0
CALC MACHINES, COMPUTERS (7142).....	5	-	-	-	-	-	-	0	-	-	-
STATISTICAL MACHINES(7143)...	-	0	-	-	22	-	-	0	-	-	-
MACHINE TOOLS FOR METAL (7151).....	4	2	0	0	0	0	50	0	5	9	0
TELECOMMUNICATIONS EQUIP (7249).....	-	-	0	27	1	0	0	0	0	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	-	10	3	-	4	-	-	-	-	-	-
AIRCRAFT HEAVIER THAN AIR (7341).....	-	-	-	-	-	0	-	-	-	-	-
OPTICAL ELEMENTS (8611).....	0	0	0	0	0	0	-	0	0	0	0
OPTICAL INSTRUMENTS (8613)...	0	0	0	0	1	0	0	0	0	0	0
MEASURING, CONTROL INSTR NES(8619).....	0	0	0	0	0	10	0	0	0	0	0

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

HUNGARY

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	6,703	4,583	5,304	7,661	7,343	6,772	6,124	7,699	6,921	11,915	9,391
HIGH TECHNOLOGY GOODS.....	33	98	15	276	775	948	226	682	89	523	10
CALC MACHINES, COMPUTERS (7142).....	-	-	-	206	623	356	-	-	-	-	-
STATISTICAL MACHINES(7143).....	-	-	-	-	8	-	-	-	-	-	-
MACHINE TOOLS FOR METAL (7151).....	0	97	0	0	0	0	14	176	1	3	0
TELECOMMUNICATIONS EQUIP (7249).....	0	0	4	53	62	39	145	451	41	449	10
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	0	1	-	0	76	518	25	21	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	33	-	-	9	-	3	9	10	-	-	-
OPTICAL ELEMENTS (8611).....	-	-	0	0	0	0	0	0	0	0	-
OPTICAL INSTRUMENTS (8613).....	-	0	-	0	-	-	-	-	0	-	-
MEASURING, CONTROL INSTR NES(8619).....	0	0	11	8	6	20	33	24	47	71	0

See footnotes at end of table.

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- 9 -EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

POLAND

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	14,548	17,869	31,135	45,157	87,275	112,744	126,793	139,802	189,563	228,376	305,636
HIGH TECHNOLOGY GOODS.....	20	23	31	85	201	624	481	401	248	1,497	527
CALC MACHINES, COMPUTERS (7142).....	-	-	-	1	-	-	-	-	-	1	-
STATISTICAL MACHINES(7143)...	-	-	-	8	97	3	9	-	-	-	-
MACHINE TOOLS FOR METAL (7151).....	0	0	0	0	0	1	0	0	12	3	5
TELECOMMUNICATIONS EQUIP (7249).....	1	12	13	8	54	24	118	43	7	213	2
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	3	0	-	1	14	225	267	68	-	0	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	16	4	18	67	14	279	57	273	0	0	0
AIRCRAFT HEAVIER THAN AIR (7341).....	-	-	-	-	0	-	0	-	33	80	72
OPTICAL ELEMENTS (8611).....	-	0	-	0	0	-	-	-	0	-	-
OPTICAL INSTRUMENTS (8613)...	0	0	0	0	0	0	-	0	0	0	0
MEASURING, CONTROL INSTR NES(8619).....	0	7	0	0	21	7	30	0	135	444	431

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

ROMANIA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	3,365	10,819	13,242	12,862	5,106	61,095	39,352	11,809	32,150	27,574	18,823
HIGH TECHNOLOGY GOODS.....	1	1	15	245	168	72	158	123	1,288	953	143
CALC MACHINES, COMPUTERS (7142).....	-	-	-	-	-	-	-	-	-	238	-
STATISTICAL MACHINES(7143).....	-	-	-	160	25	-	-	1	-	-	-
MACHINE TOOLS FOR METAL (7151).....	0	0	0	-	-	4	0	0	901	30	0
TELECOMMUNICATIONS EQUIP (7249).....	1	-	1	53	98	17	34	101	316	586	-
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	-	-	-	-	-	-	1	-	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	-	-	-	2	16	-	68	19	-	-	-
AIRCRAFT HEAVIER THAN AIR (7341).....	-	-	-	-	-	-	-	0	0	0	0
MEASURING, CONTROL INSTR NES(8619).....	-	1	14	30	29	51	55	2	71	99	143

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

ALBANIA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	3,989	3,985	4,346	12,330	6,449	10,310	147	304	100	83	86
HIGH TECHNOLOGY GOODS.....	-	-	-	-	-	-	-	-	-	83	82
MACHINE TOOLS FOR METAL (7151).....	-	-	-	-	-	-	-	-	-	-	29
TELECOMMUNICATIONS EQUIP (7249).....	-	-	-	-	-	-	-	-	-	41	-
MEASURING, CONTROL INSTR NES(8619).....	-	-	-	-	-	-	-	-	-	42	53

- Data not available.

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EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

EXPORTS FOR (CANADA, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	63,105,060	1,773,112	1,314,830	458,282
HIGH TECHNOLOGY GOODS.....	1,488,008	24,203	23,070	1,133
NUCLEAR REACTORS (7117).....	0	-	-	-
CALC MACHINES, COMPUTERS (7142).....	66,093	-	-	-
STATISTICAL MACHINES(7143)....	0	-	-	-
MACHINE TOOLS FOR METAL (7151).....	147,258	133	94	39
TELECOMMUNICATIONS EQUIP (7249).....	259,623	12	-	12
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	0	0	0	-
ELEC AND PROTON ACCELERATORS (7297).....	0	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	2,431	0	-	0
AIRCRAFT HEAVIER THAN AIR (7341).....	855,728	158	66	92
WARSHIPS (7351).....	0	-	-	-
OPTICAL ELEMENTS (8611).....	7,911	0	0	0
OPTICAL INSTRUMENTS (8613)...	2,239	0	0	0
MEASURING, CONTROL INSTR NES(8619).....	81,847	2,138	1,288	850

- Data not available.

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EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(PERCENT DISTRIBUTION OF EXPORTS, BY COMMODITY)

EXPORTING COUNTRY:

EXPORTS FOR (CANADA, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	100.00	100.00	100.00	100.00
HIGH TECHNOLOGY GOODS.....	2.36	1.37	1.75	.25
NUCLEAR REACTORS (7117).....	.00	-	-	-
CALC MACHINES, COMPUTERS (7142).....	.10	-	-	-
STATISTICAL MACHINES(7143)...	.00	-	-	-
MACHINE TOOLS FOR METAL (7151).....	.23	.01	.01	.01
TELECOMMUNICATIONS EQUIP (7249).....	.41	.00	-	.00
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	.00	.00	.00	-
ELEC AND PROTON ACCELERATORS (7297).....	.00	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	.00	.00	-	.00
AIRCRAFT HEAVIER THAN AIR (7341).....	1.36	.01	.01	.02
WARSHIPS (7351).....	.00	-	-	-
OPTICAL ELEMENTS (8611).....	.01	.00	.00	.00
OPTICAL INSTRUMENTS (8613)...	.00	.00	.00	.00
MEASURING, CONTROL INSTR NES(8619).....	.13	.12	.10	.19

- Data not available.

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EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(PERCENT DISTRIBUTION OF EXPORTS, BY PARTNER)

EXPORTING COUNTRY:

EXPORTS FOR (CANADA, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	100.00	2.81	2.08	0.73
HIGH TECHNOLOGY GOODS.....	100.00	1.63	1.55	.08
NUCLEAR REACTORS (7117).....	.00	-	-	-
CALC MACHINES, COMPUTERS (7142).....	100.00	-	-	-
STATISTICAL MACHINES(7143)....	.00	-	-	-
MACHINE TOOLS FOR METAL (7151).....	100.00	.09	.06	.03
TELECOMMUNICATIONS EQUIP (7249).....	100.00	.00	-	.00
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	.00	.00	.00	-
ELEC AND PROTON ACCELERATORS (7297).....	.00	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	100.00	.00	-	.00
AIRCRAFT HEAVIER THAN AIR (7341).....	100.00	.02	.01	.01
WARSHIPS (7351).....	.00	-	-	-
OPTICAL ELEMENTS (8611).....	100.00	.00	.00	.00
OPTICAL INSTRUMENTS (8613)...	100.00	.00	.00	.00
MEASURING, CONTROL INSTR NES(8619).....	100.00	2.61	1.57	1.04

- Data not available.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

CANADA, WORLD

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	16184891	17674523	20177769	25207333	32783390	32300337	38370445	41293081	44079991	55116702	63105060
HIGH TECHNOLOGY GOODS.....	468,922	497,991	601,219	639,898	824,857	842,977	1,026574	1,003482	967,428	1,412,147	1,488,008
NUCLEAR REACTORS (7117).....	-	-	-	-	-	-	-	-	-	0	0
CALC MACHINES, COMPUTERS											
(7142).....	9,541	9,305	19,991	54,524	54,318	86,621	113,312	52,845	53,123	66,778	66,093
STATISTICAL MACHINES(7143)...	107,536	150,024	187,876	168,111	200,899	195,672	232,934	280,040	0	0	0
MACHINE TOOLS FOR METAL											
(7151).....	16,624	30,838	30,746	44,891	57,822	65,357	66,290	77,190	87,790	143,581	147,258
TELECOMMUNICATIONS EQUIP											
(7249).....	180,607	168,117	161,498	217,393	277,171	296,656	344,321	310,742	337,834	500,616	259,623
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	24,607	28,259	41,746	66,792	73,040	53,352	55,701	41,453	0	0	0
ELEC AND PROTON ACCELERATORS											
(7297).....	-	-	-	-	-	-	-	-	0	0	0
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	10,571	12,512	11,523	11,984	21,188	18,027	18,866	17,532	1,694	2,348	2,431
AIRCRAFT HEAVIER THAN AIR											
(7341).....	92,830	58,455	102,547	30,839	66,760	31,594	85,343	101,093	381,325	576,553	855,728
WARSHIPS (7351).....	-	-	-	-	-	-	-	-	0	0	0
OPTICAL ELEMENTS (8611).....	3,790	3,561	3,961	5,168	6,984	7,206	6,791	5,703	7,239	9,438	7,911
OPTICAL INSTRUMENTS (8613)...	0	0	0	787	1,365	1,398	2,852	1,492	1,864	2,469	2,239
MEASURING, CONTROL INSTR											
NES(8619).....	0	10,965	20,441	12,288	25,824	37,130	36,433	42,037	54,163	66,944	81,847

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

CANADA, USSR AND EUROPEAN CEMA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	136,671	169,906	354,363	383,702	168,610	609,873	786,492	545,883	743,247	991,469	1,773,112
HIGH TECHNOLOGY GOODS.....	185	632	202	1,385	1,856	9,015	5,924	4,665	10,705	10,234	24,203
CALC MACHINES, COMPUTERS											
(7142).....	6	5	-	207	623	359	699	0	-	240	-
STATISTICAL MACHINES(7143)...	-	77	-	176	216	219	328	582	-	-	-
MACHINE TOOLS FOR METAL											
(7151).....	42	345	1	313	1	2,315	3,099	583	1,131	214	133
TELECOMMUNICATIONS EQUIP											
(7249).....	2	13	29	369	459	326	910	1,693	562	1,443	12
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	3	1	0	1	95	780	404	109	0	0	0
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	132	14	50	226	46	409	143	359	0	0	0
AIRCRAFT HEAVIER THAN AIR											
(7341).....	0	0	-	0	0	0	0	0	33	80	158
OPTICAL ELEMENTS (8611).....	0	0	0	0	0	0	0	0	2	0	0
OPTICAL INSTRUMENTS (8613)...	0	0	0	0	1	0	0	0	0	0	0
MEASURING, CONTROL INSTR											
NES(8619).....	0	177	70	59	158	303	274	107	299	794	2,138

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

CANADA, USSR

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	97,713	124,907	285,526	292,213	30,181	402,359	542,940	338,403	478,442	653,900	1,314,830
HIGH TECHNOLOGY GOODS.....	79	469	4	464	415	6,817	4,397	2,212	8,760	6,914	23,070
CALC MACHINES, COMPUTERS	-	-	-	-	-	3	699	-	-	1	-
(7142).....	-	77	-	8	-	178	319	32	-	-	-
STATISTICAL MACHINES(7143)....	-	-	-	-	-	-	-	-	-	-	-
MACHINE TOOLS FOR METAL	-	-	-	-	-	-	-	-	-	-	-
(7151).....	0	229	3	245	0	2,190	2,965	372	141	161	94
TELECOMMUNICATIONS EQUIP	-	-	-	-	-	-	-	-	-	-	-
(7249).....	0	-	-	78	135	20	273	541	0	29	-
TUBES, TRANSISTORS,	-	-	-	0	4	20	104	8	-	-	0
PHOTOCELLS(7293).....	-	-	0	-	-	-	-	-	-	-	-
ELECTRICAL MACHINERY, N.E.S.	-	-	-	128	12	124	8	43	-	-	-
(7299).....	79	-	-	-	-	-	-	-	-	-	-
AIRCRAFT HEAVIER THAN AIR	-	-	-	-	-	-	-	-	-	-	66
(7341).....	-	-	-	-	-	-	-	-	-	-	0
OPTICAL ELEMENTS (8611).....	0	0	0	0	0	0	0	0	2	0	0
OPTICAL INSTRUMENTS (8613)....	0	0	0	0	0	0	0	0	0	0	0
MEASURING, CONTROL INSTR	-	-	-	-	-	-	-	-	-	-	-
NES(8619).....	0	163	1	5	8	75	29	1	0	16	1,288

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

CANADA, EUROPEAN CEMA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	38,958	44,999	68,837	91,489	138,429	207,514	243,552	207,480	264,805	337,569	458,282
HIGH TECHNOLOGY GOODS.....	106	163	198	921	1,441	2,198	1,527	2,453	1,945	3,320	1,133
CALC MACHINES, COMPUTERS											
(7142).....	6	5	-	207	623	356	-	0	-	239	-
STATISTICAL MACHINES(7143)....	-	0	-	168	216	41	9	550	-	-	-
MACHINE TOOLS FOR METAL											
(7151).....	42	116	50	68	1	125	134	211	990	53	39
TELECOMMUNICATIONS EQUIP											
(7249).....	2	13	29	291	324	306	637	1,152	562	1,414	12
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	3	1	0	1	91	760	300	101	0	0	-
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	53	14	50	98	34	285	135	316	0	0	0
AIRCRAFT HEAVIER THAN AIR											
(7341).....	0	0	-	0	0	0	0	0	33	80	92
OPTICAL ELEMENTS (8611).....	0	0	0	0	0	0	0	0	0	0	-
OPTICAL INSTRUMENTS (8613)....	0	0	0	0	1	0	0	0	0	0	0
MEASURING, CONTROL INSTR											
NES(8619).....	0	14	69	54	150	228	245	106	299	778	850

See footnotes at end of table.

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- 5 -EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

BULGARIA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	3,274	899	612	486	5,409	2,494	6,496	4,100	4,237	7,999	6,298
HIGH TECHNOLOGY GOODS.....	0	0	39	70	17	48	16	38	174	80	109
STATISTICAL MACHINES(7143)....	-	-	-	-	17	24	-	-	-	-	-
MACHINE TOOLS FOR METAL											
(7151).....	0	0	0	0	0	0	1	0	0	0	0
TELECOMMUNICATIONS EQUIP											
(7249).....	-	-	10	66	-	11	1	31	174	17	-
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	-	-	-	-	-	-	2	-	-	-	-
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	-	-	29	-	-	-	-	7	-	-	-
MEASURING, CONTROL INSTR											
NES(8619).....	-	-	-	4	-	13	12	-	-	63	109

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

CZECHOSLOVAKIA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	6,687	6,104	4,501	9,958	23,496	9,900	17,897	14,136	11,184	30,898	109,538
HIGH TECHNOLOGY GOODS.....	43	29	95	218	252	496	596	1,209	141	175	262
CALC MACHINES, COMPUTERS (7142).....	1	5	-	-	-	-	-	-	-	-	-
STATISTICAL MACHINES(7143)...	-	-	-	-	47	14	-	549	-	-	-
MACHINE TOOLS FOR METAL (7151).....	38	17	50	68	1	120	69	35	71	8	5
TELECOMMUNICATIONS EQUIP (7249).....	0	1	1	84	109	215	339	526	24	108	0
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	0	0	0	0	1	17	5	12	0	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	4	0	-	20	-	3	1	7	-	-	-
AIRCRAFT HEAVIER THAN AIR (7341).....	0	0	-	0	-	-	-	-	0	-	20
OPTICAL ELEMENTS (8611).....	-	0	-	0	-	0	-	-	-	0	-
OPTICAL INSTRUMENTS (8613)...	0	0	0	0	0	0	0	0	0	-	0
MEASURING, CONTROL INSTR NES(8619).....	0	6	44	12	94	127	115	80	46	59	114

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

EAST GERMANY

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	392	740	9,697	3,035	3,351	4,199	46,743	29,630	20,650	30,724	8,510
HIGH TECHNOLOGY GOODS.....	9	12	3	27	28	10	50	0	5	9	0
CALC MACHINES, COMPUTERS (7142).....	5	-	-	-	-	-	-	0	-	-	-
STATISTICAL MACHINES(7143)....	-	0	-	-	22	-	-	0	-	-	-
MACHINE TOOLS FOR METAL (7151).....	4	2	0	0	0	0	50	0	5	9	0
TELECOMMUNICATIONS EQUIP (7249).....	-	-	0	27	1	0	0	0	0	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	-	10	3	-	4	-	-	-	-	-	-
AIRCRAFT HEAVIER THAN AIR (7341).....	-	-	-	-	-	0	-	-	-	-	-
OPTICAL ELEMENTS (8611).....	0	0	0	0	0	0	-	0	0	0	0
OPTICAL INSTRUMENTS (8613)....	0	0	0	0	1	0	0	0	0	0	0
MEASURING, CONTROL INSTR NES(8619).....	0	0	0	0	0	10	0	0	0	0	0

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

HUNGARY

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	6,703	4,583	5,304	7,661	7,343	6,772	6,124	7,699	6,921	11,915	9,391
HIGH TECHNOLOGY GOODS.....	33	98	15	276	775	948	226	682	89	523	10
CALC MACHINES, COMPUTERS	-	-	-	206	623	356	-	-	-	-	-
(7142).....	-	-	-	-	8	-	-	-	-	-	-
STATISTICAL MACHINES(7143)...	-	-	-	-	-	-	-	-	-	-	-
MACHINE TOOLS FOR METAL	-	-	-	-	-	-	-	-	-	-	-
(7151).....	-	-	-	-	-	-	-	-	-	-	-
TELECOMMUNICATIONS EQUIP	0	97	0	0	0	0	14	176	1	3	0
(7249).....	0	0	4	53	62	39	145	451	41	449	10
TUBES, TRANSISTORS,	-	-	-	-	-	-	-	-	-	-	-
PHOTOCELLS(7293).....	0	1	-	0	76	518	25	21	-	-	-
ELECTRICAL MACHINERY, N.E.S.	-	-	-	9	-	3	9	10	-	-	-
(7299).....	33	-	-	0	0	0	0	0	0	0	-
OPTICAL ELEMENTS (8611).....	-	-	0	0	0	0	0	0	0	0	-
OPTICAL INSTRUMENTS (8613)...	-	0	-	0	-	-	-	-	0	-	-
MEASURING, CONTROL INSTR	-	-	-	-	-	-	-	-	-	-	-
NES(8619).....	0	0	11	8	6	20	33	24	47	71	0

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

POLAND

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	14,548	17,869	31,135	45,157	87,275	112,744	126,793	139,802	189,563	228,376	305,636
HIGH TECHNOLOGY GOODS.....	20	23	31	85	201	624	481	401	248	1,497	527
CALC MACHINES, COMPUTERS (7142).....	-	-	-	1	-	-	-	-	-	1	-
STATISTICAL MACHINES(7143)....	-	-	-	8	97	3	9	-	-	-	-
MACHINE TOOLS FOR METAL (7151).....	0	0	0	0	0	1	0	0	12	3	5
TELECOMMUNICATIONS EQUIP (7249).....	1	12	13	8	54	24	118	43	7	213	2
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	3	0	-	1	14	225	267	68	-	0	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	16	4	18	67	14	279	57	273	0	0	0
AIRCRAFT HEAVIER THAN AIR (7341).....	-	-	-	-	0	-	0	-	33	80	72
OPTICAL ELEMENTS (8611).....	-	0	-	0	0	-	-	-	0	0	0
OPTICAL INSTRUMENTS (8613)....	0	0	0	0	0	0	-	0	0	0	0
MEASURING, CONTROL INSTR NES(8619).....	0	7	0	0	21	7	30	0	135	444	431

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

ROMANIA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	3,365	10,819	13,242	12,862	5,106	61,095	39,352	11,809	32,150	27,574	18,823
HIGH TECHNOLOGY GOODS.....	1	1	15	245	168	72	158	123	1,288	953	143
CALC MACHINES, COMPUTERS (7142).....	-	-	-	-	-	-	-	-	-	-	-
STATISTICAL MACHINES(7143).....	-	-	-	160	25	-	-	1	-	238	-
MACHINE TOOLS FOR METAL (7151).....	0	0	0	-	-	4	0	0	901	30	0
TELECOMMUNICATIONS EQUIP (7249).....	1	-	1	53	98	17	34	101	316	586	-
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	-	-	-	-	-	-	1	-	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	-	-	-	2	16	-	68	19	-	-	-
AIRCRAFT HEAVIER THAN AIR (7341).....	-	-	-	-	-	-	-	0	0	0	0
MEASURING, CONTROL INSTR NES(8619).....	-	1	14	30	29	51	55	2	71	99	143

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

ALBANIA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	3,989	3,985	4,346	12,330	6,449	10,310	147	304	100	83	86
HIGH TECHNOLOGY GOODS.....	-	-	-	-	-	-	-	-	-	83	82
MACHINE TOOLS FOR METAL (7151).....	-	-	-	-	-	-	-	-	-	-	29
TELECOMMUNICATIONS EQUIP (7249).....	-	-	-	-	-	-	-	-	-	41	-
MEASURING, CONTROL INSTR NES(8619).....	-	-	-	-	-	-	-	-	-	42	53

- Data not available.

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EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

EXPORTS FOR (CANADA, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	63,105,060	1,773,112	1,314,830	458,282
HIGH TECHNOLOGY GOODS.....	1,488,008	24,203	23,070	1,133
NUCLEAR REACTORS (7117).....	0	-	-	-
CALC MACHINES, COMPUTERS (7142).....	66,093	-	-	-
STATISTICAL MACHINES(7143)....	0	-	-	-
MACHINE TOOLS FOR METAL (7151).....	147,258	133	94	39
TELECOMMUNICATIONS EQUIP (7249).....	259,623	12	-	12
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	0	0	0	-
ELEC AND PROTON ACCELERATORS (7297).....	0	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	2,431	0	-	0
AIRCRAFT HEAVIER THAN AIR (7341).....	855,728	158	66	92
WARSHIPS (7351).....	0	-	-	-
OPTICAL ELEMENTS (8611).....	7,911	0	0	0
OPTICAL INSTRUMENTS (8613)...	2,239	0	0	0
MEASURING, CONTROL INSTR NES(8619).....	81,847	2,138	1,288	850

- Data not available.

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EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(PERCENT DISTRIBUTION OF EXPORTS, BY COMMODITY)

EXPORTING COUNTRY:

EXPORTS FOR (CANADA, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	100.00	100.00	100.00	100.00
HIGH TECHNOLOGY GOODS.....	2.36	1.37	1.75	.25
NUCLEAR REACTORS (7117).....	.00	-	-	-
CALC MACHINES, COMPUTERS (7142).....	.10	-	-	-
STATISTICAL MACHINES(7143)....	.00	-	-	-
MACHINE TOOLS FOR METAL (7151).....	.23	.01	.01	.01
TELECOMMUNICATIONS EQUIP (7249).....	.41	.00	-	.00
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	.00	.00	.00	-
ELEC AND PROTON ACCELERATORS (7297).....	.00	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	.00	.00	-	.00
AIRCRAFT HEAVIER THAN AIR (7341).....	1.36	.01	.01	.02
WARSHIPS (7351).....	.00	-	-	-
OPTICAL ELEMENTS (8611).....	.01	.00	.00	.00
OPTICAL INSTRUMENTS (8613)...	.00	.00	.00	.00
MEASURING, CONTROL INSTR NES(8619).....	.13	.12	.10	.19

- Data not available.

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EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(PERCENT DISTRIBUTION OF EXPORTS, BY PARTNER)

EXPORTING COUNTRY:

EXPORTS FOR (CANADA, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	100.00	2.81	2.08	0.73
HIGH TECHNOLOGY GOODS.....	100.00	1.63	1.55	.08
NUCLEAR REACTORS (7117).....	.00	-	-	-
CALC MACHINES, COMPUTERS (7142).....	100.00	-	-	-
STATISTICAL MACHINES(7143)...	.00	-	-	-
MACHINE TOOLS FOR METAL (7151).....	100.00	.09	.06	.03
TELECOMMUNICATIONS EQUIP (7249).....	100.00	.00	-	.00
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	.00	.00	.00	-
ELEC AND PROTON ACCELERATORS (7297).....	.00	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	100.00	.00	-	.00
AIRCRAFT HEAVIER THAN AIR (7341).....	100.00	.02	.01	.01
WARSHIPS (7351).....	.00	-	-	-
OPTICAL ELEMENTS (8611).....	100.00	.00	.00	.00
OPTICAL INSTRUMENTS (8613)...	100.00	.00	.00	.00
MEASURING, CONTROL INSTR NES(8619).....	100.00	2.61	1.57	1.04

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

UNITED KINGDOM, WORLD

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	19350602	22353439	24344332	30534699	38661515	43659867	46032042	57439162	71520730	90485019	114380E3
HIGH TECHNOLOGY GOODS.....	1,302043	1,483293	1,609077	1,937646	2,418925	2,973762	3,056395	3,583583	5,834462	7,379863	10106313
NUCLEAR REACTORS (7117).....	2,977	4,337	4,257	5,141	6,759	4,944	2,479	9,920	4,946	11,428	21,919
CALC MACHINES, COMPUTERS (7142).....	79,613	83,057	54,544	66,025	81,256	80,563	68,111	80,059	61,924	45,770	53,006
STATISTICAL MACHINES(7143)....	112,888	134,816	257,129	353,282	387,335	468,475	488,936	595,147	865,871	1,198365	1,422366
MACHINE TOOLS FOR METAL (7151).....	210,598	236,937	208,687	216,344	250,280	362,350	317,093	322,985	426,021	473,976	674,043
TELECOMMUNICATIONS EQUIP (7249).....	305,907	356,506	343,379	373,860	467,874	599,108	740,694	836,716	987,594	1,124285	1,178264
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	85,366	74,562	105,553	165,176	212,912	198,730	207,826	279,581	323,934	456,246	684,895
ELEC AND PROTON ACCELERATORS (7297).....	534	975	490	593	1,268	423	740	994	86	307	229
ELECTRICAL MACHINERY, N.E.S. (7299).....	138,995	151,281	146,357	185,603	288,757	320,257	266,690	338,268	421,169	533,840	823,791
AIRCRAFT HEAVIER THAN AIR (7341).....	-	-	-	-	-	-	-	-	1,242698	1,663058	2,824953
WARSHIPS (7351).....	-	-	-	-	-	-	-	-	-	173,113	137,739
OPTICAL ELEMENTS (8611).....	7,495	8,182	7,993	10,323	12,410	13,048	14,295	18,715	27,282	30,503	43,587
OPTICAL INSTRUMENTS (8613)...	6,961	11,230	20,712	20,600	19,397	20,018	31,287	37,479	45,734	50,135	64,090
MEASURING, CONTROL INSTR NES(8619).....	144,820	164,357	171,008	206,825	254,016	306,481	290,723	335,668	441,056	547,557	740,789

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

UNITED KINGDOM, USSR AND EUROPEAN CEMA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	596,226	591,405	654,198	762,925	994,322	1,269,881	1,178,613	1,457,668	1,872,727	2,050,411	2,631,098
HIGH TECHNOLOGY GOODS.....	85,258	75,678	87,219	100,593	104,464	145,128	113,064	117,388	215,860	185,273	206,976
CALC MACHINES, COMPUTERS (7142).....	4,136	2,709	330	895	1,254	1,046	815	869	592	472	458
STATISTICAL MACHINES(7143)...	11,848	11,646	12,268	15,302	13,800	24,060	13,155	11,080	20,226	18,567	21,978
MACHINE TOOLS FOR METAL (7151).....	31,456	22,931	30,537	34,077	20,490	44,454	37,205	38,275	70,682	62,267	42,813
TELECOMMUNICATIONS EQUIP (7249).....	3,498	6,111	6,802	6,216	6,297	6,518	7,739	6,014	13,805	16,781	11,953
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	2,201	1,411	1,427	2,425	5,455	3,824	3,174	6,057	5,144	7,620	5,890
ELEC AND PROTON ACCELERATORS (7297).....	0	-	-	-	3	-	-	0	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	15,662	13,072	10,302	11,270	16,248	21,490	15,784	17,693	21,259	22,382	58,666
AIRCRAFT HEAVIER THAN AIR (7341).....	-	-	-	-	-	-	-	-	1,180	-	-
OPTICAL ELEMENTS (8611).....	660	364	141	443	336	182	145	115	201	83	518
OPTICAL INSTRUMENTS (8613)...	576	412	802	639	1,005	607	1,259	1,036	1,813	2,169	1,990
MEASURING, CONTROL INSTR NES(8619).....	7,382	7,848	9,729	10,927	14,835	16,713	17,753	11,606	14,068	20,448	26,215

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

UNITED KINGDOM, USSR

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	233,690	205,796	215,646	230,217	256,941	458,934	431,531	606,758	811,791	885,206	1,058,945
HIGH TECHNOLOGY GOODS.....	48,152	33,888	42,248	37,903	25,459	37,878	38,476	29,834	74,467	59,956	85,590
CALC MACHINES, COMPUTERS (7142).....	1,433	1,205	19	7	135	19	4	12	-	0	-
STATISTICAL MACHINES(7143)...	7,397	6,069	7,415	4,023	950	4,397	2,179	3,910	11,635	9,070	14,373
MACHINE TOOLS FOR METAL (7151).....	21,413	14,911	22,108	21,516	8,695	12,920	13,042	8,564	8,545	17,883	19,211
TELECOMMUNICATIONS EQUIP (7249).....	610	450	1,112	1,072	791	951	1,289	717	2,279	3,400	1,549
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	132	119	82	57	97	81	41	129	488	172	197
ELECTRICAL MACHINERY, N.E.S. (7299).....	11,560	5,685	4,026	4,802	7,249	3,871	7,991	6,353	7,961	8,981	32,599
OPTICAL ELEMENTS (8611).....	298	159	17	83	8	84	13	40	29	54	84
OPTICAL INSTRUMENTS (8613)...	393	312	716	477	204	348	272	547	1,105	1,746	595
MEASURING, CONTROL INSTR NES(8619).....	3,185	3,314	4,160	2,055	4,875	6,512	9,428	3,248	3,712	7,901	9,207

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

UNITED KINGDOM, EUROPEAN CEMA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	362,536	385,609	438,552	532,708	737,381	810,947	747,082	850,910	1,060,936	1,165,205	1,572,153
HIGH TECHNOLOGY GOODS.....	37,106	41,790	44,971	62,690	79,005	107,250	74,588	87,554	141,393	125,317	121,386
CALC MACHINES, COMPUTERS (7142).....	2,703	1,504	311	888	1,119	1,027	811	857	592	472	458
STATISTICAL MACHINES(7143)...	4,451	5,577	4,853	11,279	12,850	19,663	10,976	7,170	8,591	9,497	7,605
MACHINE TOOLS FOR METAL (7151).....	10,043	8,020	8,429	12,561	11,795	31,534	24,163	29,711	62,137	44,384	23,602
TELECOMMUNICATIONS EQUIP (7249).....	2,888	5,661	5,690	5,144	5,506	5,567	6,450	5,297	11,526	13,381	10,404
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	2,069	1,292	1,345	2,368	5,358	3,743	3,133	5,928	4,656	7,448	5,693
ELEC AND PROTON ACCELERATORS (7297).....	0	-	-	-	3	-	-	0	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	4,102	7,387	6,276	6,468	8,999	17,619	7,793	11,340	13,298	13,401	26,067
AIRCRAFT HEAVIER THAN AIR (7341).....	-	-	-	-	-	-	-	-	1,180	-	-
OPTICAL ELEMENTS (8611).....	362	205	124	360	328	98	132	75	172	29	434
OPTICAL INSTRUMENTS (8613)...	183	100	86	162	801	258	987	489	708	423	1,395
MEASURING, CONTROL INSTR NES(8619).....	4,197	4,534	5,569	8,872	9,960	10,201	8,325	8,358	10,356	12,547	17,008

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

BULGARIA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	25,955	24,819	21,059	30,268	42,081	51,668	41,369	43,592	50,921	57,419	81,964
HIGH TECHNOLOGY GOODS.....	2,768	2,005	1,998	1,800	3,617	4,753	5,367	2,988	1,774	2,456	6,113
CALC MACHINES, COMPUTERS (7142).....	843	61	-	-	54	29	2	0	0	-	4
STATISTICAL MACHINES(7143)....	390	39	401	376	75	1,929	215	228	318	626	543
MACHINE TOOLS FOR METAL (7151).....	64	93	428	197	169	171	2,020	14	37	24	582
TELECOMMUNICATIONS EQUIP (7249).....	164	272	337	186	349	518	739	891	437	832	1,389
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	62	172	19	42	212	292	123	133	90	195	137
ELECTRICAL MACHINERY, N.E.S. (7299).....	86	279	114	160	544	997	896	117	191	171	2,414
OPTICAL ELEMENTS (8611).....	-	-	45	14	133	-	4	-	-	-	133
OPTICAL INSTRUMENTS (8613)....	-	-	10	10	14	1	-	3	6	10	4
MEASURING, CONTROL INSTR NES(8619).....	271	484	137	686	725	220	763	654	248	340	462

See footnotes at end of table.

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TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

CZECHOSLOVAKIA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	47,924	47,374	58,004	65,466	104,545	112,306	107,836	113,836	140,447	157,050	188,448
HIGH TECHNOLOGY GOODS.....	4,893	3,705	6,072	6,863	11,464	12,390	10,282	7,592	8,997	10,490	15,154
CALC MACHINES, COMPUTERS											
(7142).....	435	394	239	603	570	702	583	506	422	387	219
STATISTICAL MACHINES(7143)...	1,010	705	997	1,560	3,296	5,734	2,061	2,154	1,580	3,652	3,551
MACHINE TOOLS FOR METAL											
(7151).....	1,517	468	1,116	437	748	808	3,629	1,422	1,536	963	2,677
TELECOMMUNICATIONS EQUIP											
(7249).....	255	240	1,922	520	450	823	557	334	753	768	616
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	291	93	178	432	796	240	202	545	818	920	1,019
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	302	619	590	522	546	898	728	657	1,145	518	1,448
AIRCRAFT HEAVIER THAN AIR											
(7341).....	-	-	-	-	-	-	-	-	0	-	-
OPTICAL ELEMENTS (8611).....	141	63	45	300	27	49	43	4	11	13	22
OPTICAL INSTRUMENTS (8613)...	82	15	6	115	222	32	235	28	40	31	283
MEASURING, CONTROL INSTR											
NES(8619).....	553	741	703	1,415	2,008	1,823	1,353	1,250	1,619	1,699	3,210

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

EAST GERMANY

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	40,199	41,535	36,923	32,798	91,049	71,380	80,431	95,074	91,068	121,173	218,894
HIGH TECHNOLOGY GOODS.....	4,498	4,329	3,106	1,346	6,303	3,996	3,455	5,866	3,474	6,910	5,000
CALC MACHINES, COMPUTERS											
(7142).....	395	490	48	29	150	15	56	170	14	72	111
STATISTICAL MACHINES(7143)...	1,743	148	531	147	789	666	198	66	85	139	209
MACHINE TOOLS FOR METAL											
(7151).....	189	905	843	77	436	171	1,228	1,831	1,101	215	716
TELECOMMUNICATIONS EQUIP											
(7249).....	539	595	567	434	1,514	816	607	960	1,036	1,319	1,096
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	24	44	50	50	932	6	12	1,543	53	2,165	98
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	80	1,679	250	196	334	851	359	566	102	710	811
OPTICAL ELEMENTS (8611).....	79	1	15	0	10	14	1	7	84	2	9
OPTICAL INSTRUMENTS (8613)...	77	38	8	0	114	54	24	150	10	136	261
MEASURING, CONTROL INSTR											
NES(8619).....	560	283	418	232	889	972	565	293	602	1,006	1,307

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

HUNGARY

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	44,783	49,844	55,702	63,356	102,278	96,463	88,874	108,092	123,748	129,386	160,425
HIGH TECHNOLOGY GOODS.....	2,855	6,186	5,920	6,675	5,466	7,015	6,335	9,424	9,691	14,055	17,354
CALC MACHINES, COMPUTERS (7142).....	513	1	4	10	39	3	0	0	108	11	-
STATISTICAL MACHINES(7143)....	109	3,025	849	2,018	861	1,162	901	640	1,049	259	774
MACHINE TOOLS FOR METAL (7151).....	46	186	748	1,117	390	415	372	872	662	4,039	1,373
TELECOMMUNICATIONS EQUIP (7249).....	433	559	818	768	670	272	396	526	1,198	1,355	1,456
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	295	289	437	444	1,016	1,165	1,383	2,048	1,381	1,680	1,717
ELEC AND PROTON ACCELERATORS (7297).....	0	-	-	-	-	-	-	0	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	527	742	1,573	672	816	1,240	1,134	1,572	1,790	2,209	3,840
OPTICAL ELEMENTS (8611).....	42	2	1	2	28	10	27	50	59	9	258
OPTICAL INSTRUMENTS (8613)....	13	6	8	9	29	4	186	39	65	152	28
MEASURING, CONTROL INSTR NES(8619).....	410	744	564	562	811	907	913	965	1,204	1,167	1,700

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

POLAND

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	135,145	147,317	175,746	260,999	322,699	390,577	340,084	349,384	510,425	549,387	688,934
HIGH TECHNOLOGY GOODS.....	14,734	13,285	15,624	35,448	42,102	63,292	40,210	46,191	82,994	66,199	46,202
CALC MACHINES, COMPUTERS (7142).....	517	515	17	216	282	273	170	181	47	-	124
STATISTICAL MACHINES(7143)....	1,174	1,466	1,628	6,949	6,737	10,085	7,401	4,065	2,739	4,235	2,043
MACHINE TOOLS FOR METAL (7151).....	6,074	3,779	3,607	7,765	7,974	24,424	15,306	21,167	52,169	33,509	13,746
TELECOMMUNICATIONS EQUIP (7249).....	649	788	1,204	2,176	1,325	1,892	3,138	1,341	2,761	2,634	1,814
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	830	482	482	1,183	1,814	1,686	965	1,058	1,362	1,141	1,511
ELECTRICAL MACHINERY, N.E.S. (7299).....	2,310	2,144	2,909	3,688	5,282	9,397	3,181	5,472	6,640	5,506	8,724
AIRCRAFT HEAVIER THAN AIR (7341).....	-	-	-	-	-	-	-	-	47	-	-
OPTICAL ELEMENTS (8611).....	88	138	5	38	120	19	17	0	12	0	9
OPTICAL INSTRUMENTS (8613)....	10	34	39	17	345	167	388	240	239	88	665
MEASURING, CONTROL INSTR NES(8619).....	1,706	1,703	2,773	4,998	3,784	4,344	3,349	3,813	3,636	5,375	3,375

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

ROMANIA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	68,131	74,394	91,003	79,739	72,756	87,135	88,260	140,545	143,838	149,520	230,051
HIGH TECHNOLOGY GOODS.....	7,346	12,278	12,230	10,541	9,638	15,791	8,939	15,483	34,420	25,116	31,477
CALC MACHINES, COMPUTERS (7142).....	-	43	3	30	17	5	-	-	1	2	-
STATISTICAL MACHINES(7143)...	25	194	447	229	1,092	87	200	17	2,820	586	485
MACHINE TOOLS FOR METAL (7151).....	2,153	2,589	1,687	2,968	2,078	5,545	1,608	4,405	6,632	5,634	4,508
TELECOMMUNICATIONS EQUIP (7249).....	842	3,207	825	1,058	1,090	1,246	1,013	1,245	5,341	6,465	3,963
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	567	212	179	217	586	354	448	601	935	1,307	1,195
ELEC AND PROTON ACCELERATORS (7297).....	-	-	-	-	3	-	-	-	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	797	1,924	840	1,220	1,460	4,230	1,495	2,949	3,420	4,277	8,830
AIRCRAFT HEAVIER THAN AIR (7341).....	-	-	-	-	-	-	-	-	1,133	-	-
OPTICAL ELEMENTS (8611).....	9	1	13	6	10	6	40	14	6	5	3
OPTICAL INSTRUMENTS (8613)...	1	7	15	11	77	-	154	29	348	6	154
MEASURING, CONTROL INSTR NES(8619).....	697	577	972	978	1,697	1,928	1,382	1,380	3,047	2,927	6,954

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

ALBANIA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	399	326	115	82	1,973	1,418	228	387	489	1,270	3,437
HIGH TECHNOLOGY GOODS.....	12	2	21	17	415	13	-	10	43	91	86
CALC MACHINES, COMPUTERS (7142).....	-	-	-	-	7	-	-	-	-	-	-
TELECOMMUNICATIONS EQUIP (7249).....	6	-	17	2	108	-	-	-	-	8	70
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	-	-	-	-	2	-	-	-	17	40	16
ELECTRICAL MACHINERY, N.E.S. (7299).....	-	-	-	10	17	6	-	7	10	10	-
OPTICAL ELEMENTS (8611).....	3	-	-	-	-	-	-	-	-	-	-
MEASURING, CONTROL INSTR NES(8619).....	-	2	2	1	46	7	-	3	-	33	-

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EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

EXPORTS FOR (UNITED KINGDOM, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	114,380,488	2,631,098	1,058,945	1,572,153
HIGH TECHNOLOGY GOODS.....	10,106,313	206,976	85,590	121,386
NUCLEAR REACTORS (7117).....	21,919	-	-	-
CALC MACHINES, COMPUTERS (7142).....	53,006	458	-	458
STATISTICAL MACHINES(7143)....	1,422,366	21,978	14,373	7,605
MACHINE TOOLS FOR METAL (7151).....	674,043	42,813	19,211	23,602
TELECOMMUNICATIONS EQUIP (7249).....	1,178,264	11,953	1,549	10,404
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	684,895	5,890	197	5,693
ELEC AND PROTON ACCELERATORS (7297).....	229	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	823,791	58,666	32,599	26,067
AIRCRAFT HEAVIER THAN AIR (7341).....	2,824,953	-	-	-
WARSHIPS (7351).....	137,739	-	-	-
OPTICAL ELEMENTS (8611).....	43,587	518	84	434
OPTICAL INSTRUMENTS (8613)....	64,090	1,990	595	1,395
MEASURING, CONTROL INSTR NES(8619).....	740,789	26,215	9,207	17,008

- Data not available.

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EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(PERCENT DISTRIBUTION OF EXPORTS, BY COMMODITY)

EXPORTING COUNTRY:

EXPORTS FOR (UNITED KINGDOM, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	100.00	100.00	100.00	100.00
HIGH TECHNOLOGY GOODS.....	8.84	7.87	8.08	7.72
NUCLEAR REACTORS (7117).....	.02	-	-	-
CALC MACHINES, COMPUTERS (7142).....	.05	.02	-	.03
STATISTICAL MACHINES(7143)....	1.24	.84	1.36	.48
MACHINE TOOLS FOR METAL (7151).....	.59	1.63	1.81	1.50
TELECOMMUNICATIONS EQUIP (7249).....	1.03	.45	.15	.66
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	.60	.22	.02	.36
ELEC AND PROTON ACCELERATORS (7297).....	.00	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	.72	2.23	3.08	1.66
AIRCRAFT HEAVIER THAN AIR (7341).....	2.47	-	-	-
WARSHIPS (7351).....	.12	-	-	-
OPTICAL ELEMENTS (8611).....	.04	.02	.01	.03
OPTICAL INSTRUMENTS (8613)....	.06	.08	.06	.09
MEASURING, CONTROL INSTR NES(8619).....	.65	1.00	.87	1.08

- Data not available.

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EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(PERCENT DISTRIBUTION OF EXPORTS, BY PARTNER)

EXPORTING COUNTRY:

EXPORTS FOR (UNITED KINGDOM, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	100.00	2.30	0.93	1.37
HIGH TECHNOLOGY GOODS.....	100.00	2.05	.85	1.20
NUCLEAR REACTORS (7117).....	100.00	-	-	-
CALC MACHINES, COMPUTERS (7142).....	100.00	.86	-	.86
STATISTICAL MACHINES(7143)...	100.00	1.55	1.01	.53
MACHINE TOOLS FOR METAL (7151).....	100.00	6.35	2.85	3.50
TELECOMMUNICATIONS EQUIP (7249).....	100.00	1.01	.13	.88
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	100.00	.86	.03	.83
ELEC AND PROTON ACCELERATORS (7297).....	100.00	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	100.00	7.12	3.96	3.16
AIRCRAFT HEAVIER THAN AIR (7341).....	100.00	-	-	-
WARSHIPS (7351).....	100.00	-	-	-
OPTICAL ELEMENTS (8611).....	100.00	1.19	.19	1.00
OPTICAL INSTRUMENTS (8613)...	100.00	3.11	.93	2.18
MEASURING, CONTROL INSTR NES(8619).....	100.00	3.54	1.24	2.30

- Data not available.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

UNITED KINGDOM, WORLD

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	19350602	22353439	24344332	30534699	38661515	43659867	46032042	57439162	71520730	90485019	114380E3
HIGH TECHNOLOGY GOODS.....	1,302043	1,483293	1,609077	1,937646	2,418925	2,973762	3,056395	3,583583	5,834462	7,379863	10106313
NUCLEAR REACTORS (7117).....	2,977	4,337	4,257	5,141	6,759	4,944	2,479	9,920	4,946	11,428	21,919
CALC MACHINES, COMPUTERS (7142).....	79,613	83,057	54,544	66,025	81,256	80,563	68,111	80,059	61,924	45,770	53,006
STATISTICAL MACHINES(7143)...	112,888	134,816	257,129	353,282	387,335	468,475	488,936	595,147	865,871	1,198365	1,422366
MACHINE TOOLS FOR METAL (7151).....	210,598	236,937	208,687	216,344	250,280	362,350	317,093	322,985	426,021	473,976	674,043
TELECOMMUNICATIONS EQUIP (7249).....	305,907	356,506	343,379	373,860	467,874	599,108	740,694	836,716	987,594	1,124285	1,178264
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	85,366	74,562	105,553	165,176	212,912	198,730	207,826	279,581	323,934	456,246	684,895
ELEC AND PROTON ACCELERATORS (7297).....	534	975	490	593	1,268	423	740	994	86	307	229
ELECTRICAL MACHINERY, N.E.S. (7299).....	138,995	151,281	146,357	185,603	288,757	320,257	266,690	338,268	421,169	533,840	823,791
AIRCRAFT HEAVIER THAN AIR (7341).....	-	-	-	-	-	-	-	-	1,242598	1,663058	2,824953
WARSHIPS (7351).....	-	-	-	-	-	-	-	-	-	173,113	137,739
OPTICAL ELEMENTS (8611).....	7,495	8,182	7,993	10,323	12,410	13,048	14,295	18,715	27,282	30,503	43,587
OPTICAL INSTRUMENTS (8613)...	6,961	11,230	20,712	20,600	19,397	20,018	31,287	37,479	45,734	50,135	64,090
MEASURING, CONTROL INSTR NES(8619).....	144,820	164,357	171,008	206,825	254,016	306,481	290,723	335,668	441,056	547,557	740,789

See footnotes at end of table.

EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

UNITED KINGDOM, USSR AND EUROPEAN CEMA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	596,226	591,405	654,198	762,925	994,322	1,269,881	1,178,613	1,457,668	1,872,727	2,050,411	2,631,098
HIGH TECHNOLOGY GOODS.....	85,258	75,678	87,219	100,593	104,464	145,128	113,064	117,388	215,860	185,273	206,976
CALC MACHINES, COMPUTERS											
(7142).....	4,136	2,709	330	895	1,254	1,046	815	869	592	472	458
STATISTICAL MACHINES(7143)...	11,848	11,646	12,268	15,302	13,800	24,060	13,155	11,080	20,226	18,567	21,978
MACHINE TOOLS FOR METAL											
(7151).....	31,456	22,931	30,537	34,077	20,490	44,454	37,205	38,275	70,682	62,267	42,813
TELECOMMUNICATIONS EQUIP											
(7249).....	3,498	6,111	6,802	6,216	6,297	6,518	7,739	6,014	13,805	16,781	11,953
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	2,201	1,411	1,427	2,425	5,455	3,824	3,174	6,057	5,144	7,620	5,890
ELEC AND PROTON ACCELERATORS											
(7297).....	0	-	-	-	3	-	-	0	-	-	-
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	15,662	13,072	10,302	11,270	16,248	21,490	15,784	17,693	21,259	22,382	58,666
AIRCRAFT HEAVIER THAN AIR											
(7341).....	-	-	-	-	-	-	-	-	1,180	-	-
OPTICAL ELEMENTS (8611).....	660	364	141	443	336	182	145	115	201	83	518
OPTICAL INSTRUMENTS (8613)...	576	412	802	639	1,005	607	1,259	1,036	1,813	2,169	1,990
MEASURING, CONTROL INSTR											
NES(8619).....	7,382	7,848	9,729	10,927	14,835	16,713	17,753	11,606	14,068	20,448	26,215

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

UNITED KINGDOM, USSR

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	233,690	205,796	215,646	230,217	256,941	458,934	431,531	606,758	811,791	885,206	1,058,945
HIGH TECHNOLOGY GOODS.....	48,152	33,888	42,248	37,903	25,459	37,878	38,476	29,834	74,467	59,956	85,590
CALC MACHINES, COMPUTERS (7142).....	1,433	1,205	19	7	135	19	4	12	-	0	-
STATISTICAL MACHINES(7143)....	7,397	6,069	7,415	4,023	950	4,397	2,179	3,910	11,635	9,070	14,373
MACHINE TOOLS FOR METAL (7151).....	21,413	14,911	22,108	21,516	8,695	12,920	13,042	8,564	8,545	17,883	19,211
TELECOMMUNICATIONS EQUIP (7249).....	610	450	1,112	1,072	791	951	1,289	717	2,279	3,400	1,549
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	132	119	82	57	97	81	41	129	488	172	197
ELECTRICAL MACHINERY, N.E.S. (7299).....	11,560	5,685	4,026	4,802	7,249	3,871	7,991	6,353	7,961	8,981	32,599
OPTICAL ELEMENTS (8611).....	298	159	17	83	8	84	13	40	29	54	84
OPTICAL INSTRUMENTS (8613)....	393	312	716	477	204	349	272	547	1,105	1,746	595
MEASURING, CONTROL INSTR NES(8619).....	3,185	3,314	4,160	2,055	4,875	6,512	9,428	3,248	3,712	7,901	9,207

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

UNITED KINGDOM, EUROPEAN CEMA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	362,536	385,609	438,552	532,708	737,381	810,947	747,082	850,910	1,060,936	1,165,205	1,572,153
HIGH TECHNOLOGY GOODS.....	37,106	41,790	44,971	62,690	79,005	107,250	74,588	87,554	141,393	125,317	121,386
CALC MACHINES, COMPUTERS (7142).....	2,703	1,504	311	888	1,119	1,027	811	857	592	472	458
STATISTICAL MACHINES(7143)...	4,451	5,577	4,853	11,279	12,850	19,663	10,976	7,170	8,591	9,497	7,605
MACHINE TOOLS FOR METAL (7151).....	10,043	8,020	8,429	12,561	11,795	31,534	24,163	29,711	62,137	44,384	23,602
TELECOMMUNICATIONS EQUIP (7249).....	2,888	5,661	5,690	5,144	5,506	5,567	6,450	5,297	11,526	13,381	10,404
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	2,069	1,292	1,345	2,368	5,358	3,743	3,133	5,928	4,656	7,448	5,693
ELEC AND PROTON ACCELERATORS (7297).....	0	-	-	-	3	-	-	0	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	4,102	7,387	6,276	6,468	8,999	17,619	7,793	11,340	13,298	13,401	26,067
AIRCRAFT HEAVIER THAN AIR (7341).....	-	-	-	-	-	-	-	-	1,180	-	-
OPTICAL ELEMENTS (8611).....	362	205	124	360	328	98	132	75	172	29	434
OPTICAL INSTRUMENTS (8613)...	183	100	86	162	801	258	987	489	708	423	1,395
MEASURING, CONTROL INSTR NES(8619).....	4,197	4,534	5,569	8,872	9,960	10,201	8,325	8,358	10,356	12,547	17,008

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

BULGARIA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	25,955	24,819	21,059	30,268	42,081	51,668	41,369	43,592	50,921	57,419	81,964
HIGH TECHNOLOGY GOODS.....	2,768	2,005	1,998	1,800	3,617	4,753	5,367	2,988	1,774	2,456	6,113
CALC MACHINES, COMPUTERS (7142).....	843	61	-	-	54	29	2	0	0	-	4
STATISTICAL MACHINES(7143).....	390	39	401	376	75	1,929	215	228	318	626	543
MACHINE TOOLS FOR METAL (7151).....	64	93	428	197	169	171	2,020	14	37	24	582
TELECOMMUNICATIONS EQUIP (7249).....	164	272	337	186	349	518	739	891	437	832	1,389
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	62	172	19	42	212	292	123	133	90	195	137
ELECTRICAL MACHINERY, N.E.S. (7299).....	86	279	114	160	544	997	896	117	191	171	2,414
OPTICAL ELEMENTS (8611).....	-	-	45	14	133	-	4	-	-	-	133
OPTICAL INSTRUMENTS (8613).....	-	-	10	10	14	1	-	3	6	10	4
MEASURING, CONTROL INSTR NES(8619).....	271	484	137	686	725	220	763	654	248	340	462

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

CZECHOSLOVAKIA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	47,924	47,374	58,004	65,466	104,545	112,306	107,836	113,836	140,447	157,050	188,448
HIGH TECHNOLOGY GOODS.....	4,893	3,705	6,072	6,863	11,464	12,390	10,282	7,592	8,997	10,490	15,154
CALC MACHINES, COMPUTERS											
(7142).....	435	394	239	603	570	702	583	506	422	387	219
STATISTICAL MACHINES(7143)...	1,010	705	997	1,560	3,296	5,734	2,061	2,154	1,580	3,652	3,551
MACHINE TOOLS FOR METAL											
(7151).....	1,517	468	1,116	437	748	808	3,629	1,422	1,536	963	2,677
TELECOMMUNICATIONS EQUIP											
(7249).....	255	240	1,922	520	450	823	557	334	753	768	616
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	291	93	178	432	796	240	202	545	818	920	1,019
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	302	619	590	522	546	898	728	657	1,145	518	1,448
AIRCRAFT HEAVIER THAN AIR											
(7341).....	-	-	-	-	-	-	-	-	0	-	-
OPTICAL ELEMENTS (8611).....	141	63	45	300	27	49	43	4	11	13	22
OPTICAL INSTRUMENTS (8613)...	82	15	6	115	222	32	235	28	40	31	283
MEASURING, CONTROL INSTR											
NES(8619).....	553	741	703	1,415	2,008	1,823	1,353	1,250	1,619	1,699	3,210

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

EAST GERMANY

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	40,199	41,535	36,923	32,798	91,049	71,380	80,431	95,074	91,068	121,173	218,894
HIGH TECHNOLOGY GOODS.....	4,498	4,329	3,106	1,346	6,303	3,996	3,455	5,866	3,474	6,910	5,000
CALC MACHINES, COMPUTERS											
(7142).....	395	490	48	29	150	15	56	170	14	72	111
STATISTICAL MACHINES(7143).....	1,743	148	531	147	789	666	198	66	85	139	209
MACHINE TOOLS FOR METAL											
(7151).....	189	905	843	77	436	171	1,228	1,831	1,101	215	716
TELECOMMUNICATIONS EQUIP											
(7249).....	539	595	567	434	1,514	816	607	960	1,036	1,319	1,096
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	24	44	50	50	932	6	12	1,543	53	2,165	98
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	80	1,679	250	196	334	851	359	566	102	710	811
OPTICAL ELEMENTS (8611).....	79	1	15	0	10	14	1	7	84	2	9
OPTICAL INSTRUMENTS (8613).....	77	38	8	0	114	54	24	150	10	136	261
MEASURING, CONTROL INSTR											
NES(8619).....	560	283	418	232	889	972	565	293	602	1,006	1,307

See footnotes at end of table.

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TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

HUNGARY

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	44,783	49,844	55,702	63,356	102,278	96,463	88,874	108,092	123,748	129,386	160,425
HIGH TECHNOLOGY GOODS.....	2,855	6,186	5,920	6,675	5,466	7,015	6,335	9,424	9,691	14,055	17,354
CALC MACHINES, COMPUTERS											
(7142).....	513	1	4	10	39	3	0	0	108	11	-
STATISTICAL MACHINES(7143)...	109	3,025	849	2,018	861	1,162	901	640	1,049	259	774
MACHINE TOOLS FOR METAL											
(7151).....	46	186	748	1,117	390	415	372	872	662	4,039	1,373
TELECOMMUNICATIONS EQUIP											
(7249).....	433	559	818	768	670	272	396	526	1,198	1,355	1,456
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	295	289	437	444	1,016	1,165	1,383	2,048	1,381	1,680	1,717
ELEC AND PROTON ACCELERATORS											
(7297).....	0	-	-	-	-	-	-	0	-	-	-
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	527	742	1,573	672	816	1,240	1,134	1,572	1,790	2,209	3,840
OPTICAL ELEMENTS (8611).....	42	2	1	2	28	10	27	50	59	9	258
OPTICAL INSTRUMENTS (8613)...	13	6	8	9	29	4	186	39	65	152	28
MEASURING, CONTROL INSTR											
NES(8619).....	410	744	564	562	811	907	913	965	1,204	1,167	1,700

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

POLAND

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	135,145	147,317	175,746	260,999	322,699	390,577	340,084	349,384	510,425	549,387	688,934
HIGH TECHNOLOGY GOODS.....	14,734	13,285	15,624	35,448	42,102	63,292	40,210	46,191	82,994	66,199	46,202
CALC MACHINES, COMPUTERS (7142).....	517	515	17	216	282	273	170	181	47	-	124
STATISTICAL MACHINES(7143).....	1,174	1,466	1,628	6,949	6,737	10,085	7,401	4,065	2,739	4,235	2,043
MACHINE TOOLS FOR METAL (7151).....	6,074	3,779	3,607	7,765	7,974	24,424	15,306	21,167	52,169	33,509	13,746
TELECOMMUNICATIONS EQUIP (7249).....	649	788	1,204	2,176	1,325	1,892	3,138	1,341	2,761	2,634	1,814
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	830	482	482	1,183	1,814	1,686	965	1,058	1,362	1,141	1,511
ELECTRICAL MACHINERY, N.E.S. (7299).....	2,310	2,144	2,909	3,688	5,282	9,397	3,181	5,472	6,640	5,506	8,724
AIRCRAFT HEAVIER THAN AIR (7341).....	-	-	-	-	-	-	-	-	47	-	-
OPTICAL ELEMENTS (8611).....	88	138	5	38	120	19	17	0	12	0	9
OPTICAL INSTRUMENTS (8613).....	10	34	39	17	345	167	388	240	239	88	665
MEASURING, CONTROL INSTR NES(8619).....	1,706	1,703	2,773	4,998	3,784	4,344	3,349	3,813	3,636	5,375	3,375

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

ROMANIA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	68,131	74,394	91,003	79,739	72,756	87,135	88,260	140,545	143,838	149,520	230,051
HIGH TECHNOLOGY GOODS.....	7,346	12,278	12,230	10,541	9,638	15,791	8,939	15,483	34,420	25,116	31,477
CALC MACHINES, COMPUTERS	-	43	3	30	17	5	-	-	1	2	-
(7142).....	25	194	447	229	1,092	87	200	17	2,820	586	485
STATISTICAL MACHINES(7143)...											
MACHINE TOOLS FOR METAL											
(7151).....	2,153	2,589	1,687	2,968	2,078	5,545	1,608	4,405	6,632	5,634	4,508
TELECOMMUNICATIONS EQUIP											
(7249).....	842	3,207	825	1,058	1,090	1,246	1,013	1,245	5,341	6,465	3,963
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	567	212	179	217	586	354	448	601	935	1,307	1,195
ELEC AND PROTON ACCELERATORS											
(7297).....	-	-	-	-	3	-	-	-	-	-	-
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	797	1,924	840	1,220	1,460	4,230	1,495	2,949	3,420	4,277	8,830
AIRCRAFT HEAVIER THAN AIR											
(7341).....	-	-	-	-	-	-	-	-	1,133	-	-
OPTICAL ELEMENTS (8611).....	9	1	13	6	10	6	40	14	6	5	3
OPTICAL INSTRUMENTS (8613)...	1	7	15	11	77	-	154	29	348	6	154
MEASURING, CONTROL INSTR											
NES(8619).....	697	577	972	978	1,697	1,928	1,382	1,380	3,047	2,927	6,954

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

ALBANIA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	399	326	115	82	1,973	1,418	228	387	489	1,270	3,437
HIGH TECHNOLOGY GOODS.....	12	2	21	17	415	13	-	10	43	91	86
CALC MACHINES, COMPUTERS (7142).....	-	-	-	-	7	-	-	-	-	-	-
TELECOMMUNICATIONS EQUIP (7249).....	6	-	17	2	108	-	-	-	-	8	70
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	-	-	-	-	2	-	-	-	17	40	16
ELECTRICAL MACHINERY, N.E.S. (7299).....	-	-	-	10	17	6	-	7	10	10	-
OPTICAL ELEMENTS (8611).....	3	-	-	-	-	-	-	-	-	-	-
MEASURING, CONTROL INSTR NES(8619).....	-	2	2	1	46	7	-	3	-	33	-

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EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

EXPORTS FOR (UNITED KINGDOM, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	114,380,488	2,631,098	1,058,945	1,572,153
HIGH TECHNOLOGY GOODS.....	10,106,313	206,976	85,590	121,386
NUCLEAR REACTORS (7117).....	21,919	-	-	-
CALC MACHINES, COMPUTERS (7142).....	53,006	458	-	458
STATISTICAL MACHINES(7143)....	1,422,366	21,978	14,373	7,605
MACHINE TOOLS FOR METAL (7151).....	674,043	42,813	19,211	23,602
TELECOMMUNICATIONS EQUIP (7249).....	1,178,264	11,953	1,549	10,404
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	684,895	5,890	197	5,693
ELEC AND PROTON ACCELERATORS (7297).....	229	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	823,791	58,666	32,599	26,067
AIRCRAFT HEAVIER THAN AIR (7341).....	2,824,953	-	-	-
WARSHIPS (7351).....	137,739	-	-	-
OPTICAL ELEMENTS (8611).....	43,587	518	84	434
OPTICAL INSTRUMENTS (8613)....	64,090	1,990	595	1,395
MEASURING, CONTROL INSTR NES(8619).....	740,789	26,215	9,207	17,008

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EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(PERCENT DISTRIBUTION OF EXPORTS, BY COMMODITY)

EXPORTING COUNTRY:

EXPORTS FOR (UNITED KINGDOM, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	100.00	100.00	100.00	100.00
HIGH TECHNOLOGY GOODS.....	8.84	7.87	8.08	7.72
NUCLEAR REACTORS (7117).....	.02	-	-	-
CALC MACHINES, COMPUTERS (7142).....	.05	.02	-	.03
STATISTICAL MACHINES(7143)...	1.24	.84	1.36	.48
MACHINE TOOLS FOR METAL (7151).....	.59	1.63	1.81	1.50
TELECOMMUNICATIONS EQUIP (7249).....	1.03	.45	.15	.66
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	.60	.22	.02	.36
ELEC AND PROTON ACCELERATORS (7297).....	.00	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	.72	2.23	3.08	1.66
AIRCRAFT HEAVIER THAN AIR (7341).....	2.47	-	-	-
WARSHIPS (7351).....	.12	-	-	-
OPTICAL ELEMENTS (8611).....	.04	.02	.01	.03
OPTICAL INSTRUMENTS (8613)...	.06	.08	.06	.09
MEASURING, CONTROL INSTR /NES(8619).....	.65	1.00	.87	1.08

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EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(PERCENT DISTRIBUTION OF EXPORTS, BY PARTNER)

EXPORTING COUNTRY:

EXPORTS FOR (UNITED KINGDOM, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	100.00	2.30	0.93	1.37
HIGH TECHNOLOGY GOODS.....	100.00	2.05	.85	1.20
NUCLEAR REACTORS (7117).....	100.00	-	-	-
CALC MACHINES, COMPUTERS (7142).....	100.00	.86	-	.86
STATISTICAL MACHINES(7143)...	100.00	1.55	1.01	.53
MACHINE TOOLS FOR METAL (7151).....	100.00	6.35	2.85	3.50
TELECOMMUNICATIONS EQUIP (7249).....	100.00	1.01	.13	.88
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	100.00	.86	.03	.83
ELEC AND PROTON ACCELERATORS (7297).....	100.00	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	100.00	7.12	3.96	3.16
AIRCRAFT HEAVIER THAN AIR (7341).....	100.00	-	-	-
WARSHIPS (7351).....	100.00	-	-	-
OPTICAL ELEMENTS (8611).....	100.00	1.19	.19	1.00
OPTICAL INSTRUMENTS (8613)...	100.00	3.11	.93	2.18
MEASURING, CONTROL INSTR NES(8619).....	100.00	3.54	1.24	2.30

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

AUSTRIA, WORLD

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	2,856,605	3,168,790	3,883,363	5,284,746	7,161,482	7,518,119	8,506,820	9,807,679	12,173,866	15,478,173	17,478,170
HIGH TECHNOLOGY GOODS.....	111,481	126,432	171,394	215,077	286,594	364,631	411,923	517,859	464,203	564,069	574,989
NUCLEAR REACTORS (7117).....	-	-	-	-	-	-	-	-	3,076	0	868
CALC MACHINES, COMPUTERS (7142).....	3,253	3,127	3,870	5,226	4,965	4,724	3,460	4,637	5,477	3,738	2,425
STATISTICAL MACHINES(7143)...	235	207	8,691	10,625	9,926	9,172	10,790	12,054	-	-	-
MACHINE TOOLS FOR METAL (7151).....	21,464	22,455	35,011	32,776	60,044	68,688	69,852	98,752	94,311	118,379	131,519
TELECOMMUNICATIONS EQUIP (7249).....	10,931	13,365	16,118	18,535	23,494	27,222	29,021	29,866	62,698	63,515	66,310
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	9,373	8,288	9,565	16,471	22,959	51,041	72,679	89,821	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	23,642	28,382	39,365	53,289	66,029	75,338	77,926	86,842	99,541	137,072	154,076
AIRCRAFT HEAVIER THAN AIR (7341).....	5,357	1,909	4,234	4,612	3,439	6,972	5,523	35,317	70,912	77,345	13,994
OPTICAL ELEMENTS (8611).....	1,132	1,500	1,801	2,162	2,642	2,987	2,706	4,015	3,569	4,416	4,976
OPTICAL INSTRUMENTS (8613)...	3,716	3,468	4,011	5,532	6,898	9,201	9,350	10,104	10,163	13,123	14,652
MEASURING, CONTROL INSTR NES(8619).....	6,944	9,022	10,608	16,328	20,042	23,664	26,362	31,830	41,796	50,762	67,705

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

AUSTRIA, USSR AND EUROPEAN CEMA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	369,278	387,994	458,129	627,782	1,079,764	1,282,803	1,288,855	1,421,127	1,674,102	2,002,716	2,114,972
HIGH TECHNOLOGY GOODS.....	16,486	19,411	27,129	34,741	52,568	64,897	70,047	108,068	80,704	89,036	77,248
NUCLEAR REACTORS (7117).....										0	
CALC MACHINES, COMPUTERS											
(7142).....	514	209	723	819	1,409	1,682	589	2,897	659	1,088	953
STATISTICAL MACHINES(7143)....	95	94	205	335	497	1,322	1,318	1,865	-	-	-
MACHINE TOOLS FOR METAL											
(7151).....	4,396	3,147	8,193	12,256	24,345	21,823	25,639	51,661	41,873	36,443	27,206
TELECOMMUNICATIONS EQUIP											
(7249).....	719	1,240	633	660	886	868	790	822	1,581	1,590	1,375
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	97	96	198	296	679	1,249	2,183	2,225	-	-	-
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	4,280	6,451	8,426	7,702	10,435	15,116	15,590	17,531	16,605	29,592	23,587
AIRCRAFT HEAVIER THAN AIR											
(7341).....	24	0	4	16	0	16	4	42	10	176	4
OPTICAL ELEMENTS (8611).....	16	11	38	55	106	161	85	135	170	230	290
OPTICAL INSTRUMENTS (8613)....	235	285	517	598	835	1,579	1,041	1,319	514	1,602	1,993
MEASURING, CONTROL INSTR											
NES(8619).....	1,275	1,618	1,728	2,696	2,746	4,426	4,808	6,153	6,484	6,152	7,548

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

AUSTRIA, USSR

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	82,081	69,731	94,233	92,066	188,592	216,102	237,374	279,342	371,681	512,117	477,746
HIGH TECHNOLOGY GOODS.....	1,809	2,881	6,554	9,467	17,076	14,378	18,553	43,153	34,245	29,715	21,111
CALC MACHINES, COMPUTERS	-	-	5	4	18	-	5	2	28	5	17
(7142).....	-	-	-	140	7	655	45	551	-	-	-
STATISTICAL MACHINES(7143)...	-	-	-	-	-	-	-	-	-	-	-
MACHINE TOOLS FOR METAL	560	1,257	4,871	7,763	15,377	10,997	14,959	37,748	31,480	25,070	14,768
(7151).....	172	261	25	123	166	168	141	75	184	379	214
TELECOMMUNICATIONS EQUIP	-	-	-	-	-	-	-	-	-	-	-
(7249).....	8	9	31	2	14	15	26	12	-	-	-
TUBES, TRANSISTORS,	-	-	-	-	-	-	-	-	-	-	-
PHOTOCELLS(7293).....	-	-	-	-	-	-	-	-	-	-	-
ELECTRICAL MACHINERY, N.E.S.	628	450	1,137	722	691	642	1,143	1,702	745	2,423	3,971
(7299).....	2	1	3	8	1	6	7	5	4	37	22
OPTICAL ELEMENTS (8611).....	76	75	113	210	180	452	473	361	150	909	1,161
OPTICAL INSTRUMENTS (8613)...	-	-	-	-	-	-	-	-	-	-	-
MEASURING, CONTROL INSTR	101	167	113	85	213	1,047	801	1,676	1,068	553	592
NES(8619).....	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

AUSTRIA, EUROPEAN CEMA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	287,197	318,263	363,906	535,716	891,172	1,066,701	1,051,481	1,141,785	1,302,421	1,490,599	1,637,226
HIGH TECHNOLOGY GOODS.....	14,677	16,530	20,575	25,274	35,492	50,519	51,494	64,915	46,459	59,321	56,137
NUCLEAR REACTORS (7117).....	-	-	-	-	-	-	-	-	-	0	-
CALC MACHINES, COMPUTERS											
(7142).....	514	209	718	815	1,391	1,682	584	2,895	631	1,083	936
STATISTICAL MACHINES(7143)...	95	94	205	195	490	667	1,273	1,314	-	-	-
MACHINE TOOLS FOR METAL											
(7151).....	3,836	1,890	3,322	4,493	8,968	10,826	10,680	13,913	10,393	11,373	12,438
TELECOMMUNICATIONS EQUIP											
(7249).....	547	979	608	537	720	700	649	747	1,397	1,211	1,161
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	89	87	167	294	665	1,234	2,157	2,213	-	-	-
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	3,652	6,001	7,289	6,980	9,744	14,474	14,447	15,829	15,860	27,169	19,616
AIRCRAFT HEAVIER THAN AIR											
(7341).....	24	0	4	16	0	16	4	42	10	176	4
OPTICAL ELEMENTS (8611).....	14	10	35	47	105	155	78	130	166	193	268
OPTICAL INSTRUMENTS (8613)...	159	210	404	388	655	1,127	568	958	364	693	832
MEASURING, CONTROL INSTR											
NES(8619).....	1,174	1,451	1,615	2,611	2,533	3,379	4,007	4,477	5,416	5,599	6,956

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

BULGARIA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	26,608	30,112	23,789	33,613	56,494	66,722	53,092	49,365	62,322	95,110	117,876
HIGH TECHNOLOGY GOODS.....	633	1,250	588	944	1,954	4,139	2,930	1,949	2,262	3,912	4,072
CALC MACHINES, COMPUTERS (7142).....	-	-	-	0	2	1	1	9	8	2	5
STATISTICAL MACHINES(7143)....	-	-	3	43	-	78	11	20	-	-	-
MACHINE TOOLS FOR METAL (7151).....	9	112	0	2	823	515	39	31	82	52	146
TELECOMMUNICATIONS EQUIP (7249).....	47	20	53	17	91	93	131	68	31	89	224
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	7	8	4	16	19	45	88	10	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	122	353	47	147	263	903	527	470	1,058	2,496	2,443
OPTICAL ELEMENTS (8611).....	-	-	1	2	5	4	-	1	3	10	10
OPTICAL INSTRUMENTS (8613)....	7	8	5	40	28	58	55	1	19	24	67
MEASURING, CONTROL INSTR NES(8619).....	36	94	107	63	109	206	224	231	366	262	416

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

CZECHOSLOVAKIA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	61,758	69,542	71,308	102,825	154,207	190,918	178,829	213,317	221,567	216,789	236,754
HIGH TECHNOLOGY GOODS.....	3,396	4,877	4,971	5,787	9,010	18,916	16,481	16,426	12,061	13,605	15,436
CALC MACHINES, COMPUTERS											
(7142).....	131	135	166	169	436	825	295	595	429	734	877
STATISTICAL MACHINES(7143)...	64	54	51	44	325	110	521	469	-	-	-
MACHINE TOOLS FOR METAL											
(7151).....	464	924	202	441	974	6,361	4,609	2,833	2,245	1,694	2,369
TELECOMMUNICATIONS EQUIP											
(7249).....	159	135	219	304	191	317	149	217	276	130	464
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	49	30	36	26	80	51	107	69	-	-	-
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	880	1,706	1,974	2,372	3,423	6,155	5,814	4,120	3,640	6,764	6,312
AIRCRAFT HEAVIER THAN AIR											
(7341).....	1	0	4	0	0	10	4	0	0	8	4
OPTICAL ELEMENTS (8611).....	5	7	12	13	39	63	19	21	39	49	166
OPTICAL INSTRUMENTS (8613)...	61	62	107	61	146	197	65	31	148	72	398
MEASURING, CONTROL INSTR											
NES(8619).....	391	380	201	403	434	809	1,109	1,500	1,650	1,726	1,856

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

EAST GERMANY

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	26,169	33,795	43,969	72,152	88,990	115,767	99,266	103,890	122,145	169,307	229,223
HIGH TECHNOLOGY GOODS.....	3,241	3,099	3,893	2,760	3,838	3,466	3,644	4,394	3,528	8,267	6,823
NUCLEAR REACTORS (7117).....	-	-	-	-	-	-	-	-	-	0	-
CALC MACHINES, COMPUTERS											
(7142).....	3	2	6	51	106	1	1	7	8	102	6
STATISTICAL MACHINES(7143)...	0	9	1	8	0	1	17	2	-	-	-
MACHINE TOOLS FOR METAL											
(7151).....	2,100	436	1,300	0	1,815	86	540	1,161	793	3,508	616
TELECOMMUNICATIONS EQUIP											
(7249).....	27	730	19	18	19	5	56	42	62	42	59
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	4	7	11	12	3	9	15	5	-	-	-
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	43	529	1,365	800	582	941	314	937	1,089	3,239	2,811
OPTICAL ELEMENTS (8611).....	4	0	1	12	39	3	7	4	2	25	17
OPTICAL INSTRUMENTS (8613)...	1	1	23	25	157	130	7	112	12	57	10
MEASURING, CONTROL INSTR											
NES(8619).....	89	97	253	305	194	146	922	104	253	257	1,086

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

HUNGARY

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	80,360	89,136	93,541	133,740	272,374	270,061	249,833	301,946	375,312	353,923	381,281
HIGH TECHNOLOGY GOODS.....	1,884	2,173	2,165	3,555	5,114	5,281	7,059	11,653	8,053	9,494	7,584
CALC MACHINES, COMPUTERS											
(7142).....	84	21	21	23	12	19	175	21	63	127	13
STATISTICAL MACHINES(7143)....	28	31	72	34	34	172	480	87	-	-	-
MACHINE TOOLS FOR METAL											
(7151).....	306	136	93	447	871	130	595	1,620	954	747	964
TELECOMMUNICATIONS EQUIP											
(7249).....	60	32	140	103	112	177	198	231	505	730	221
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	15	21	60	216	426	650	1,083	1,471	-	-	-
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	606	796	470	1,040	1,976	1,616	1,452	2,672	2,317	2,872	2,216
AIRCRAFT HEAVIER THAN AIR											
(7341).....	-	-	-	-	-	-	-	42	0	138	-
OPTICAL ELEMENTS (8611).....	1	1	4	13	5	31	41	96	107	83	37
OPTICAL INSTRUMENTS (8613)....	15	62	17	8	40	50	95	344	120	234	145
MEASURING, CONTROL INSTR											
NES(8619).....	341	477	321	420	453	562	824	1,091	1,695	1,770	1,694

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

POLAND

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	44,636	50,089	78,961	129,127	233,350	332,261	375,049	356,777	371,781	435,867	468,217
HIGH TECHNOLOGY GOODS.....	2,890	2,260	5,132	5,895	12,266	14,958	18,181	17,414	11,866	11,639	8,245
CALC MACHINES, COMPUTERS											
(7142).....	233	12	160	568	835	792	110	2,256	57	114	28
STATISTICAL MACHINES(7143)...	-	-	0	57	46	152	244	711	-	-	-
MACHINE TOOLS FOR METAL											
(7151).....	717	247	511	497	4,150	3,635	4,457	1,875	4,496	3,068	839
TELECOMMUNICATIONS EQUIP											
(7249).....	29	37	46	69	71	64	96	130	258	161	72
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	11	20	52	17	61	206	407	461	-	-	-
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	377	604	2,157	1,306	2,939	3,400	5,653	4,774	2,871	4,690	1,528
AIRCRAFT HEAVIER THAN AIR											
(7341).....	23	0	0	16	0	6	0	0	10	30	0
OPTICAL ELEMENTS (8611).....	2	2	8	5	12	52	10	5	9	13	27
OPTICAL INSTRUMENTS (8613)...	40	43	156	175	214	592	318	354	52	92	120
MEASURING, CONTROL INSTR											
NES(8619).....	250	339	570	812	1,028	1,427	739	1,158	821	803	1,374

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

ROMANIA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	46,819	44,999	51,486	63,883	84,113	87,492	93,092	113,919	146,627	215,265	197,116
HIGH TECHNOLOGY GOODS.....	2,568	2,837	3,804	6,331	3,293	3,750	3,193	13,023	8,655	12,380	13,970
CALC MACHINES, COMPUTERS											
(7142).....	63	39	365	4	-	44	2	7	66	4	7
STATISTICAL MACHINES(7143)...	3	-	78	9	85	154	0	25	-	-	-
MACHINE TOOLS FOR METAL											
(7151).....	240	14	1,216	3,106	325	99	440	6,393	1,823	2,304	7,504
TELECOMMUNICATIONS EQUIP											
(7249).....	225	24	129	24	234	37	13	34	253	59	121
TUBES, TRANSISTORS.											
PHOTOCELLS(7293).....	3	1	4	7	76	273	457	197	-	-	-
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	1,624	2,013	1,275	1,315	561	1,457	687	2,856	4,882	7,087	4,300
OPTICAL ELEMENTS (8611).....	2	-	9	2	5	2	1	3	6	13	11
OPTICAL INSTRUMENTS (8613)...	35	32	92	79	70	100	28	116	13	214	92
MEASURING, CONTROL INSTR											
NES(8619).....	62	63	152	608	310	229	189	376	615	778	529

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

ALBANIA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	847	590	852	376	1,644	3,480	2,320	2,571	2,667	4,338	6,759
HIGH TECHNOLOGY GOODS.....	65	34	22	2	17	9	6	56	34	24	7
MACHINE TOOLS FOR METAL (7151).....	-	21	-	-	10	-	-	-	-	-	-
TELECOMMUNICATIONS EQUIP (7249).....	-	1	2	2	2	7	6	25	12	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	-	-	1	-	-	2	-	-	-	21	6
OPTICAL INSTRUMENTS (8613)...	-	2	4	-	-	-	-	-	-	-	-
MEASURING, CONTROL INSTR NES(8619).....	5	1	11	-	5	-	-	17	16	3	1

- Data not available.

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EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

EXPORTS FOR (AUSTRIA, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	17,478,170	2,114,972	477,746	1,637,226
HIGH TECHNOLOGY GOODS.....	574,989	77,248	21,111	56,137
NUCLEAR REACTORS (7117).....	868	-	-	-
CALC MACHINES, COMPUTERS (7142).....	2,425	953	17	936
MACHINE TOOLS FOR METAL (7151).....	131,519	27,206	14,768	12,438
TELECOMMUNICATIONS EQUIP (7249).....	66,310	1,375	214	1,161
ELECTRICAL MACHINERY, N.E.S. (7299).....	154,076	23,587	3,971	19,616
AIRCRAFT HEAVIER THAN AIR (7341).....	13,994	4	-	4
OPTICAL ELEMENTS (8611).....	4,976	290	22	268
OPTICAL INSTRUMENTS (8613)...	14,652	1,993	1,161	832
MEASURING, CONTROL INSTR NES(8619).....	67,705	7,548	592	6,956

- Data not available.

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EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(PERCENT DISTRIBUTION OF EXPORTS, BY COMMODITY)

EXPORTING COUNTRY:

EXPORTS FOR (AUSTRIA, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	100.00	100.00	100.00	100.00
HIGH TECHNOLOGY GOODS.....	3.29	3.65	4.42	3.43
NUCLEAR REACTORS (7117).....	.00	-	-	-
CALC MACHINES, COMPUTERS (7142).....	.01	.05	.00	.06
MACHINE TOOLS FOR METAL (7151).....	.75	1.29	3.09	.76
TELECOMMUNICATIONS EQUIP (7249).....	.38	.07	.04	.07
ELECTRICAL MACHINERY, N.E.S. (7299).....	.88	1.12	.83	1.20
AIRCRAFT HEAVIER THAN AIR (7341).....	.08	.00	-	.00
OPTICAL ELEMENTS (8611).....	.03	.01	.00	.02
OPTICAL INSTRUMENTS (8613)...	.08	.09	.24	.05
MEASURING, CONTROL INSTR NES(8619).....	.39	.36	.12	.42

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EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(PERCENT DISTRIBUTION OF EXPORTS, BY PARTNER)

EXPORTING COUNTRY:

EXPORTS FOR (AUSTRIA, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	100.00	12.10	2.73	9.37
HIGH TECHNOLOGY GOODS.....	100.00	13.43	3.67	9.76
NUCLEAR REACTORS (7117).....	100.00	-	-	-
CALC MACHINES, COMPUTERS (7142).....	100.00	39.30	.70	38.60
MACHINE TOOLS FOR METAL (7151).....	100.00	20.69	11.23	9.46
TELECOMMUNICATIONS EQUIP (7249).....	100.00	2.07	.32	1.75
ELECTRICAL MACHINERY, N.E.S. (7299).....	100.00	15.31	2.58	12.73
AIRCRAFT HEAVIER THAN AIR (7341).....	100.00	.03	-	.03
OPTICAL ELEMENTS (8611).....	100.00	5.83	.44	5.39
OPTICAL INSTRUMENTS (8613)...	100.00	13.60	7.92	5.68
MEASURING, CONTROL INSTR NES(8619).....	100.00	11.15	.87	10.27

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

AUSTRIA, WORLD

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	2,856,605	3,168,790	3,883,363	5,284,746	7,161,482	7,518,119	8,506,820	9,807,679	12,173,866	15,478,173	17,478,170
HIGH TECHNOLOGY GOODS.....	111,481	126,432	171,394	215,077	286,594	364,631	411,923	517,859	464,203	564,069	574,989
NUCLEAR REACTORS (7117).....	-	-	-	-	-	-	-	-	3,076	0	868
CALC MACHINES, COMPUTERS (7142).....	3,253	3,127	3,870	5,226	4,965	4,724	3,460	4,637	5,477	3,738	2,425
STATISTICAL MACHINES(7143)...	235	207	8,691	10,625	9,926	9,172	10,790	12,054	-	-	-
MACHINE TOOLS FOR METAL (7151).....	21,464	22,455	35,011	32,776	60,044	68,688	69,852	98,752	94,311	118,379	131,519
TELECOMMUNICATIONS EQUIP (7249).....	10,931	13,365	16,118	18,535	23,494	27,222	29,021	29,866	62,698	63,515	66,310
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	9,373	8,288	9,565	16,471	22,959	51,041	72,679	89,821	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	23,642	28,382	39,365	53,289	66,029	75,338	77,926	86,842	99,541	137,072	154,076
AIRCRAFT HEAVIER THAN AIR (7341).....	5,357	1,909	4,234	4,612	3,439	6,972	5,523	35,317	70,912	77,345	13,994
OPTICAL ELEMENTS (8611).....	1,132	1,500	1,801	2,162	2,642	2,987	2,706	4,015	3,569	4,416	4,976
OPTICAL INSTRUMENTS (8613)...	3,716	3,468	4,011	5,532	6,898	9,201	9,350	10,104	10,163	13,123	14,652
MEASURING, CONTROL INSTR NES(8619).....	6,944	9,022	10,608	16,328	20,042	23,664	26,362	31,830	41,796	50,762	67,705

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

AUSTRIA, USSR AND EUROPEAN CEMA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	369,278	387,994	458,129	627,782	1,079,764	1,282,803	1,288,855	1,421,127	1,674,102	2,002,716	2,114,972
HIGH TECHNOLOGY GOODS.....	16,486	19,411	27,129	34,741	52,568	64,897	70,047	108,068	80,704	89,036	77,248
NUCLEAR REACTORS (7117).....										0	
CALC MACHINES, COMPUTERS											
(7142).....	514	209	723	819	1,409	1,682	589	2,897	659	1,088	953
STATISTICAL MACHINES(7143)...	95	94	205	335	497	1,322	1,318	1,865	-	-	-
MACHINE TOOLS FOR METAL											
(7151).....	4,396	3,147	8,193	12,256	24,345	21,823	25,639	51,661	41,873	36,443	27,206
TELECOMMUNICATIONS EQUIP											
(7249).....	719	1,240	633	660	886	868	790	822	1,581	1,590	1,375
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	97	96	198	296	679	1,249	2,183	2,225	-	-	-
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	4,280	6,451	8,426	7,702	10,435	15,116	15,590	17,531	16,605	29,592	23,587
AIRCRAFT HEAVIER THAN AIR											
(7341).....	24	0	4	16	0	16	4	42	10	176	4
OPTICAL ELEMENTS (8611).....	16	11	38	55	106	161	85	135	170	230	290
OPTICAL INSTRUMENTS (8613)...	235	285	517	598	835	1,579	1,041	1,319	514	1,602	1,993
MEASURING, CONTROL INSTR											
NES(8619).....	1,275	1,618	1,728	2,696	2,746	4,426	4,808	6,153	6,484	6,152	7,548

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

AUSTRIA, USSR

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	82,081	69,731	94,223	92,066	188,592	216,102	237,374	279,342	371,681	512,117	477,746
HIGH TECHNOLOGY GOODS.....	1,809	2,881	6,554	9,467	17,076	14,378	18,553	43,153	34,245	29,715	21,111
CALC MACHINES, COMPUTERS (7142).....	-	-	5	4	18	-	5	2	28	5	17
STATISTICAL MACHINES(7143)....	-	-	-	140	7	655	45	551	-	-	-
MACHINE TOOLS FOR METAL (7151).....	560	1,257	4,871	7,763	15,377	10,997	14,959	37,748	31,480	25,070	14,768
TELECOMMUNICATIONS EQUIP (7249).....	172	261	25	123	166	168	141	75	184	379	214
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	8	9	31	2	14	15	26	12	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	628	450	1,137	722	691	642	1,143	1,702	745	2,423	3,971
OPTICAL ELEMENTS (8611).....	2	1	3	8	1	6	7	5	4	37	22
OPTICAL INSTRUMENTS (8613)....	76	75	113	210	180	452	473	361	150	909	1,161
MEASURING, CONTROL INSTR NES(8619).....	101	167	113	85	213	1,047	801	1,676	1,068	553	592

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

AUSTRIA, EUROPEAN CEMA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	287,197	318,263	363,906	535,716	891,172	1,066,701	1,051,481	1,141,785	1,302,421	1,490,599	1,637,226
HIGH TECHNOLOGY GOODS.....	14,677	16,530	20,575	25,274	35,492	50,519	51,494	64,915	46,459	59,321	56,137
NUCLEAR REACTORS (7117).....	-	-	-	-	-	-	-	-	-	0	-
CALC MACHINES, COMPUTERS	514	209	718	815	1,391	1,682	584	2,895	631	1,083	936
(7142).....	95	94	205	195	490	667	1,273	1,314	-	-	-
STATISTICAL MACHINES(7143)....	-	-	-	-	-	-	-	-	-	-	-
MACHINE TOOLS FOR METAL	3,836	1,890	3,322	4,493	8,968	10,826	10,680	13,913	10,393	11,373	12,438
(7151).....	-	-	-	-	-	-	-	-	-	-	-
TELECOMMUNICATIONS EQUIP	547	979	608	537	720	700	649	747	1,397	1,211	1,161
(7249).....	-	-	-	-	-	-	-	-	-	-	-
TUBES, TRANSISTORS.	89	87	167	294	665	1,234	2,157	2,213	-	-	-
PHOTOCELLS(7293).....	-	-	-	-	-	-	-	-	-	-	-
ELECTRICAL MACHINERY, N.E.S.	3,652	6,001	7,289	6,980	9,744	14,474	14,447	15,829	15,860	27,169	19,616
(7299).....	-	-	-	-	-	-	-	-	-	-	-
AIRCRAFT HEAVIER THAN AIR	24	0	4	16	0	16	4	42	10	176	4
(7341).....	14	10	35	47	105	155	78	130	166	193	268
OPTICAL ELEMENTS (8611).....	159	210	404	388	655	1,127	568	958	364	693	832
OPTICAL INSTRUMENTS (8613)....	-	-	-	-	-	-	-	-	-	-	-
MEASURING, CONTROL INSTR	1,174	1,451	1,615	2,611	2,533	3,379	4,007	4,477	5,416	5,599	6,956
NES(8619).....	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

BULGARIA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	26,608	30,112	23,789	33,613	56,494	66,722	53,092	49,365	62,322	95,110	117,876
HIGH TECHNOLOGY GOODS.....	633	1,250	588	944	1,954	4,139	2,930	1,949	2,262	3,912	4,072
CALC MACHINES, COMPUTERS (7142).....	-	-	-	0	2	1	1	9	8	2	5
STATISTICAL MACHINES(7143).....	-	-	3	43	-	78	11	20	-	-	-
MACHINE TOOLS FOR METAL (7151).....	9	112	0	2	823	515	39	31	82	52	146
TELECOMMUNICATIONS EQUIP (7249).....	47	20	53	17	91	93	131	68	31	89	224
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	7	8	4	16	19	45	88	10	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	122	353	47	147	263	903	527	470	1,058	2,496	2,443
OPTICAL ELEMENTS (8611).....	-	-	1	2	5	4	-	1	3	10	10
OPTICAL INSTRUMENTS (8613).....	7	8	5	40	28	58	55	1	19	24	67
MEASURING, CONTROL INSTR NES(8619).....	36	94	107	63	109	206	224	231	366	262	416

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

CZECHOSLOVAKIA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	61,758	69,542	71,308	102,825	154,207	190,918	178,829	213,317	221,567	216,789	236,754
HIGH TECHNOLOGY GOODS.....	3,396	4,877	4,971	5,787	9,010	18,916	16,481	16,426	12,061	13,605	15,436
CALC MACHINES, COMPUTERS											
(7142).....	131	135	166	169	436	825	295	595	429	734	877
STATISTICAL MACHINES(7143)...	64	54	51	44	325	110	521	469	-	-	-
MACHINE TOOLS FOR METAL											
(7151).....	464	924	202	441	974	6,361	4,609	2,833	2,245	1,694	2,369
TELECOMMUNICATIONS EQUIP											
(7249).....	159	135	219	304	191	317	149	217	276	130	464
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	49	30	36	26	80	51	107	69	-	-	-
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	880	1,706	1,974	2,372	3,423	6,155	5,814	4,120	3,640	6,764	6,312
AIRCRAFT HEAVIER THAN AIR											
(7341).....	1	0	4	0	0	10	4	0	0	8	4
OPTICAL ELEMENTS (8611).....	5	7	12	13	39	63	19	21	39	49	166
OPTICAL INSTRUMENTS (8613)...	61	62	107	61	146	197	65	31	148	72	398
MEASURING, CONTROL INSTR											
NES(8619).....	391	380	201	403	434	809	1,109	1,500	1,650	1,726	1,856

See footnotes at end of table.

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EXPORTS OF HIGH-TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

EAST GERMANY

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	26,169	33,795	43,969	72,152	88,990	115,767	99,266	103,890	122,145	169,307	229,223
HIGH TECHNOLOGY GOODS.....	3,241	3,099	3,893	2,760	3,838	3,466	3,644	4,394	3,528	8,267	6,823
NUCLEAR REACTORS (7117).....	-	-	-	-	-	-	-	-	-	0	-
CALC MACHINES, COMPUTERS											
(7142).....	3	2	6	51	106	1	1	7	8	102	6
STATISTICAL MACHINES(7143)...	0	9	1	8	0	1	17	2	-	-	-
MACHINE TOOLS FOR METAL											
(7151).....	2,100	436	1,300	0	1,815	86	540	1,161	793	3,508	616
TELECOMMUNICATIONS EQUIP											
(7249).....	27	730	19	18	19	5	56	42	62	42	59
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	4	7	11	12	3	9	15	5	-	-	-
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	43	529	1,365	800	582	941	314	937	1,089	3,239	2,811
OPTICAL ELEMENTS (8611).....	4	0	1	12	39	3	7	4	2	25	17
OPTICAL INSTRUMENTS (8613)...	1	1	23	25	157	130	7	112	12	57	10
MEASURING, CONTROL INSTR											
NES(8619).....	89	97	253	305	194	146	922	104	253	257	1,086

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

HUNGARY

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	80,360	89,136	93,541	133,740	272,374	270,061	249,833	301,946	375,312	353,923	381,281
HIGH TECHNOLOGY GOODS.....	1,884	2,173	2,165	3,555	5,114	5,281	7,059	11,653	8,053	9,494	7,584
CALC MACHINES, COMPUTERS											
(7142).....	84	21	21	23	12	19	175	21	63	127	13
STATISTICAL MACHINES(7143)...	28	31	72	34	34	172	480	87	-	-	-
MACHINE TOOLS FOR METAL											
(7151).....	306	136	93	447	871	130	595	1,620	954	747	964
TELECOMMUNICATIONS EQUIP											
(7249).....	60	32	140	103	112	177	198	231	505	730	221
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	15	21	60	216	426	650	1,083	1,471	-	-	-
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	606	796	470	1,040	1,976	1,616	1,452	2,672	2,317	2,872	2,216
AIRCRAFT HEAVIER THAN AIR											
(7341).....	-	-	-	-	-	-	-	42	0	138	-
OPTICAL ELEMENTS (8611).....	1	1	4	13	5	31	41	96	107	83	37
OPTICAL INSTRUMENTS (8613)...	15	62	17	8	40	50	95	344	120	234	145
MEASURING, CONTROL INSTR											
NES(8619).....	341	477	321	420	453	562	824	1,091	1,695	1,770	1,694

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

POLAND

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	44,636	50,089	78,961	129,127	233,350	332,261	375,049	356,777	371,781	435,867	468,217
HIGH TECHNOLOGY GOODS.....	2,890	2,260	5,132	5,895	12,266	14,958	18,181	17,414	11,866	11,639	8,245
CALC MACHINES, COMPUTERS (7142).....	233	12	160	568	835	792	110	2,256	57	114	28
STATISTICAL MACHINES(7143)....	-	-	0	57	46	152	244	711	-	-	-
MACHINE TOOLS FOR METAL (7151).....	717	247	511	497	4,150	3,635	4,457	1,875	4,496	3,068	839
TELECOMMUNICATIONS EQUIP (7249).....	29	37	46	69	71	64	96	130	258	161	72
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	11	20	52	17	61	206	407	461	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	377	604	2,157	1,306	2,939	3,400	5,653	4,774	2,871	4,690	1,528
AIRCRAFT HEAVIER THAN AIR (7341).....	23	0	0	16	0	6	0	0	10	30	0
OPTICAL ELEMENTS (8611).....	2	2	8	5	12	52	10	5	9	13	27
OPTICAL INSTRUMENTS (8613)....	40	43	156	175	214	592	318	354	52	92	120
MEASURING, CONTROL INSTR NES(8619).....	250	339	570	812	1,028	1,427	739	1,158	821	803	1,374

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

ROMANIA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	46,819	44,999	51,486	63,883	84,113	87,492	93,092	113,919	146,627	215,265	197,116
HIGH TECHNOLOGY GOODS.....	2,568	2,837	3,804	6,331	3,293	3,750	3,193	13,023	8,655	12,380	13,970
CALC MACHINES, COMPUTERS											
(7142).....	63	39	365	4	-	44	2	7	66	4	7
STATISTICAL MACHINES(7143)...	3	-	78	9	85	154	0	25	-	-	-
MACHINE TOOLS FOR METAL											
(7151).....	240	14	1,216	3,106	325	99	440	6,393	1,823	2,304	7,504
TELECOMMUNICATIONS EQUIP											
(7249).....	225	24	129	24	234	37	13	34	253	59	121
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	3	1	4	7	76	273	457	197	-	-	-
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	1,624	2,013	1,275	1,315	561	1,457	687	2,856	4,882	7,087	4,300
OPTICAL ELEMENTS (8611).....	2	-	9	2	5	2	1	3	6	13	11
OPTICAL INSTRUMENTS (8613)...	35	32	92	79	70	100	28	116	13	214	92
MEASURING, CONTROL INSTR											
NES(8619).....	62	63	152	608	310	229	189	376	615	778	529

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

ALBANIA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	847	590	852	376	1,644	3,480	2,320	2,571	2,667	4,338	6,759
HIGH TECHNOLOGY GOODS.....	65	34	22	2	17	9	6	56	34	24	7
MACHINE TOOLS FOR METAL (7151).....	-	21	-	-	10	-	-	-	-	-	-
TELECOMMUNICATIONS EQUIP (7249).....	-	1	2	2	2	7	6	25	12	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	-	-	1	-	-	2	-	-	3	21	6
OPTICAL INSTRUMENTS (8613).....	-	2	4	-	-	-	-	-	-	-	-
MEASURING, CONTROL INSTR NES(8619).....	5	1	11	-	5	-	-	17	16	3	1

- Data not available.

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EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

EXPORTS FOR (AUSTRIA, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	17,478,170	2,114,972	477,746	1,637,226
HIGH TECHNOLOGY GOODS.....	574,989	77,248	21,111	56,137
NUCLEAR REACTORS (7117).....	868	-	-	-
CALC MACHINES, COMPUTERS (7142).....	2,425	953	17	936
MACHINE TOOLS FOR METAL (7151).....	131,519	27,206	14,768	12,438
TELECOMMUNICATIONS EQUIP (7249).....	66,310	1,375	214	1,161
ELECTRICAL MACHINERY, N.E.S. (7299).....	154,076	23,587	3,971	19,616
AIRCRAFT HEAVIER THAN AIR (7341).....	13,994	4	-	4
OPTICAL ELEMENTS (8611).....	4,976	290	22	268
OPTICAL INSTRUMENTS (8613)...	14,652	1,993	1,161	832
MEASURING, CONTROL INSTR NES(8619).....	67,705	7,548	592	6,956

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EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(PERCENT DISTRIBUTION OF EXPORTS, BY COMMODITY)

EXPORTING COUNTRY:

EXPORTS FOR (AUSTRIA, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	100.00	100.00	100.00	100.00
HIGH TECHNOLOGY GOODS.....	3.29	3.65	4.42	3.43
NUCLEAR REACTORS (7117).....	.00	-	-	-
CALC MACHINES, COMPUTERS (7142).....	.01	.05	.00	.06
MACHINE TOOLS FOR METAL (7151).....	.75	1.29	3.09	.76
TELECOMMUNICATIONS EQUIP (7249).....	.38	.07	.04	.07
ELECTRICAL MACHINERY, N.E.S. (7299).....	.88	1.12	.83	1.20
AIRCRAFT HEAVIER THAN AIR (7341).....	.08	.00	-	.00
OPTICAL ELEMENTS (8611).....	.03	.01	.00	.02
OPTICAL INSTRUMENTS (8613)...	.08	.09	.24	.05
MEASURING, CONTROL INSTR NES(8619).....	.39	.36	.12	.42

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EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(PERCENT DISTRIBUTION OF EXPORTS, BY PARTNER)

EXPORTING COUNTRY:

EXPORTS FOR (AUSTRIA, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	100.00	12.10	2.73	9.37
HIGH TECHNOLOGY GOODS.....	100.00	13.43	3.67	9.76
NUCLEAR REACTORS (7117).....	100.00	-	-	-
CALC MACHINES, COMPUTERS (7142).....	100.00	39.30	.70	38.60
MACHINE TOOLS FOR METAL (7151).....	100.00	20.69	11.23	9.46
TELECOMMUNICATIONS EQUIP (7249).....	100.00	2.07	.32	1.75
ELECTRICAL MACHINERY, N.E.S. (7299).....	100.00	15.31	2.58	12.73
AIRCRAFT HEAVIER THAN AIR (7341).....	100.00	.03	-	.03
OPTICAL ELEMENTS (8611).....	100.00	5.83	.44	5.39
OPTICAL INSTRUMENTS (8613)...	100.00	13.60	7.92	5.68
MEASURING, CONTROL INSTR NES(8619).....	100.00	11.15	.87	10.27

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

JAPAN, WORLD

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	19319232	24018881	28591144	36931398	55537758	55727886	67202802	80470069	97501408	102964E3	129542E3
HIGH TECHNOLOGY GOODS.....	1,225778	1,477537	1,945073	2,810376	3,499867	3,792721	5,537744	6,508790	9,030272	10145777	12614104
NUCLEAR REACTORS (7117).....	77	8,898	7,879	5,264	5,626	4,226	3,068	5,553	5,912	3,606	2,576
CALC MACHINES, COMPUTERS											
(7142).....	223,076	261,431	307,126	486,640	494,243	503,765	643,606	662,011	856,209	905,728	1,104035
STATISTICAL MACHINES(7143)...	13,299	18,095	33,759	49,528	74,489	93,189	133,027	153,451	339,474	372,030	542,052
MACHINE TOOLS FOR METAL											
(7151).....	89,770	112,004	140,697	213,664	306,581	308,672	363,058	610,598	1,016709	1,229129	1,453929
TELECOMMUNICATIONS EQUIP											
(7249).....	321,610	435,501	585,774	811,339	1,017588	1,210265	2,198374	2,110811	2,620286	2,770811	3,423843
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	86,047	107,624	173,994	326,954	398,343	443,134	710,159	859,836	1,268853	1,679162	2,306942
ELEC AND PROTON ACCELERATORS											
(7297).....	21	0	0	3	0	8	76	0	4	0	720
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	143,587	163,458	205,808	293,880	399,573	406,127	482,201	604,444	754,105	915,464	1,174105
AIRCRAFT HEAVIER THAN AIR											
(7341).....	30,297	25,107	28,785	32,551	22,114	9,121	5,359	9,632	35,203	34,626	25,052
WARSHIPS (7351).....											
OPTICAL ELEMENTS (8611).....	64,252	83,436	117,468	152,977	181,834	192,953	261,605	375,365	528,447	616,748	702,437
OPTICAL INSTRUMENTS (8613)...	76,807	74,986	90,906	109,896	125,262	111,497	133,976	171,410	196,457	208,436	247,383
MEASURING, CONTROL INSTR											
NES(8619).....	65,338	67,951	90,033	118,739	162,957	157,645	182,197	238,790	340,456	375,580	411,627

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

JAPAN, USSR AND EUROPEAN CEMA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	447,565	536,115	736,030	810,321	1,675,206	2,197,917	2,801,263	2,670,203	3,199,302	3,268,765	3,585,392
HIGH TECHNOLOGY GOODS.....	38,005	41,209	104,131	120,414	120,933	162,247	168,371	358,159	471,378	369,679	300,249
NUCLEAR REACTORS (7117).....	-	-	5	-	-	-	-	-	-	-	-
CALC MACHINES, COMPUTERS											
(7142).....	2,116	2,693	4,700	6,777	6,518	8,106	5,647	4,214	3,488	2,708	2,467
STATISTICAL MACHINES(7143)...	1,178	557	2,394	2,397	5,811	6,982	1,778	3,651	11,977	7,373	13,752
MACHINE TOOLS FOR METAL											
(7151).....	12,821	10,152	51,227	64,006	50,371	38,649	48,276	153,776	165,886	111,774	79,822
TELECOMMUNICATIONS EQUIP											
(7249).....	1,748	1,039	1,967	1,689	8,332	8,257	11,725	5,450	16,292	17,376	17,519
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	2,021	1,806	1,182	1,500	4,758	4,622	3,857	5,355	5,230	6,339	9,801
ELEC AND PROTON ACCELERATORS											
(7297).....	-	-	-	-	0	-	-	-	-	-	-
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	5,906	11,039	13,458	9,869	18,667	64,364	40,698	60,696	61,561	65,697	105,685
AIRCRAFT HEAVIER THAN AIR											
(7341).....	-	0	-	-	0	0	0	0	0	0	0
OPTICAL ELEMENTS (8611).....	488	290	372	327	251	368	388	579	1,247	1,727	1,317
OPTICAL INSTRUMENTS (8613)...	2,117	1,859	1,350	2,520	3,352	5,604	3,765	3,448	5,162	5,225	3,638
MEASURING, CONTROL INSTR											
NES(8619).....	3,213	2,557	6,167	7,618	6,785	8,522	10,113	12,553	21,627	27,107	12,535

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

JAPAN, USSR

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	340,960	377,747	504,180	484,587	1,101,697	1,624,429	2,251,894	1,933,877	2,502,195	2,461,464	2,778,231
HIGH TECHNOLOGY GOODS.....	28,024	24,391	62,877	69,824	72,164	107,647	95,701	225,722	308,545	190,188	188,629
CALC MACHINES, COMPUTERS											
(7142).....	1,644	2,128	3,446	4,373	4,768	4,762	4,156	2,380	1,069	1,029	873
STATISTICAL MACHINES(7143)...	-	97	303	462	1,352	5,854	1,240	1,579	2,883	6,007	11,090
MACHINE TOOLS FOR METAL											
(7151).....	12,721	8,337	32,140	42,445	38,530	28,959	23,878	80,381	78,476	46,622	66,944
TELECOMMUNICATIONS EQUIP											
(7249).....	589	355	455	670	5,613	4,356	8,515	1,479	10,185	12,599	6,450
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	380	876	219	237	430	1,375	295	809	1,700	1,275	1,110
ELEC AND PROTON ACCELERATORS											
(7297).....	-	-	-	-	0	-	-	-	-	-	-
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	2,872	5,575	5,362	4,266	6,801	39,801	14,588	31,915	27,196	18,464	50,901
AIRCRAFT HEAVIER THAN AIR											
(7341).....	-	-	-	-	0	-	-	0	-	0	0
OPTICAL ELEMENTS (8611).....	273	249	261	241	109	171	101	257	275	1,347	918
OPTICAL INSTRUMENTS (8613)...	1,462	1,606	836	1,840	2,196	4,326	2,804	1,697	3,157	3,020	2,128
MEASURING, CONTROL INSTR											
NES(8619).....	2,498	1,415	4,118	4,163	3,514	6,824	6,001	9,251	14,685	18,285	8,486

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

JAPAN, EUROPEAN CEMA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	106,605	158,368	231,850	325,734	573,509	573,488	549,369	736,326	697,107	807,301	807,161
HIGH TECHNOLOGY GOODS.....	9,981	16,818	41,254	50,590	48,769	54,600	72,670	132,437	162,833	179,491	111,620
NUCLEAR REACTORS (7117).....	-	-	5	-	-	-	-	-	-	-	-
CALC MACHINES, COMPUTERS											
(7142).....	472	565	1,254	2,404	1,750	3,344	1,491	1,834	2,419	1,679	1,594
STATISTICAL MACHINES(7143)...	1,178	460	2,091	1,935	4,459	1,128	538	2,072	9,094	1,366	2,662
MACHINE TOOLS FOR METAL											
(7151).....	100	1,815	19,087	21,561	11,841	9,690	24,398	73,395	87,410	65,152	12,878
TELECOMMUNICATIONS EQUIP											
(7249).....	1,159	684	1,512	1,019	2,719	3,901	3,210	3,971	6,107	4,777	11,069
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	1,641	930	963	1,263	4,328	3,247	3,562	4,546	3,530	5,064	8,691
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	3,034	5,464	8,096	5,603	11,866	24,563	26,110	28,781	34,365	47,233	54,784
AIRCRAFT HEAVIER THAN AIR											
(7341).....	-	0	-	-	-	0	0	0	0	0	0
OPTICAL ELEMENTS (8611).....	215	41	111	86	142	197	287	322	972	380	399
OPTICAL INSTRUMENTS (8613)...	655	253	514	680	1,156	1,278	961	1,751	2,005	2,205	1,510
MEASURING, CONTROL INSTR											
NES(8619).....	715	1,142	2,049	3,455	3,271	1,698	4,112	3,302	6,942	8,822	4,049

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

BULGARIA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	20,760	20,070	20,987	36,429	73,716	54,175	47,044	50,757	55,399	45,006	65,316
HIGH TECHNOLOGY GOODS.....	2,349	3,377	4,516	4,368	11,458	12,115	8,378	5,682	15,301	4,135	4,701
CALC MACHINES, COMPUTERS											
(7142).....	378	113	83	13	26	-	4	8	3	275	127
STATISTICAL MACHINES(7143)...	567	171	1,720	139	1,923	188	12	1,431	132	1	55
MACHINE TOOLS FOR METAL											
(7151).....	6	52	0	2,721	5,748	5,402	3,725	585	9,752	199	250
TELECOMMUNICATIONS EQUIP											
(7249).....	27	22	14	54	14	782	1,253	956	276	607	1,301
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	48	45	399	57	282	560	575	613	470	513	599
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	796	2,109	1,731	1,182	2,408	4,541	1,929	1,310	3,217	2,194	1,512
OPTICAL ELEMENTS (8611).....	1	-	3	3	2	31	70	28	80	2	43
OPTICAL INSTRUMENTS (8613)...	4	41	21	3	8	121	215	270	112	4	167
MEASURING, CONTROL INSTR											
NES(8619).....	13	371	119	136	335	161	157	230	311	80	352

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

CZECHOSLOVAKIA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	10,112	14,748	14,967	38,695	41,724	44,765	30,071	35,011	30,265	38,591	63,466
HIGH TECHNOLOGY GOODS.....	1,753	1,978	2,474	9,401	5,172	7,875	7,064	11,140	10,149	14,112	21,018
CALC MACHINES, COMPUTERS											
(7142).....	31	110	169	223	112	159	537	1,470	984	678	620
STATISTICAL MACHINES(7143)...	526	20	14	39	160	77	42	-	-	895	1,590
MACHINE TOOLS FOR METAL											
(7151).....	2	2	341	238	18	320	110	1,609	0	511	767
TELECOMMUNICATIONS EQUIP											
(7249).....	424	44	23	41	205	19	136	870	2,594	192	412
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	4	24	26	1	11	19	26	34	63	180	598
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	462	1,626	1,736	1,639	2,985	5,851	5,538	6,507	5,821	10,808	14,900
AIRCRAFT HEAVIER THAN AIR											
(7341).....	-	0	-	-	-	0	0	0	0	0	-
OPTICAL ELEMENTS (8611).....	-	2	5	-	0	-	42	74	1	18	8
OPTICAL INSTRUMENTS (8613)...	191	24	61	114	321	189	70	186	266	404	542
MEASURING, CONTROL INSTR											
NES(8619).....	104	96	70	927	365	467	171	301	353	325	521

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

EAST GERMANY

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	14,658	34,649	47,643	38,389	45,829	48,962	48,791	42,621	58,018	268,352	138,666
HIGH TECHNOLOGY GOODS.....	1,693	4,869	4,045	3,450	2,174	3,541	1,210	2,338	3,128	46,195	14,784
NUCLEAR REACTORS (7117).....	-	-	5	-	-	-	-	-	-	-	-
CALC MACHINES, COMPUTERS (7142).....	7	0	0	30	0	2,042	802	78	426	122	347
STATISTICAL MACHINES(7143)....	-	-	0	838	-	15	0	0	0	17	308
MACHINE TOOLS FOR METAL (7151).....	35	8	595	279	53	498	13	393	411	1,486	1,168
TELECOMMUNICATIONS EQUIP (7249).....	-	-	420	23	430	29	52	341	89	269	1,046
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	1,064	576	225	152	1,389	415	199	689	540	1,744	3,837
ELECTRICAL MACHINERY, N.E.S. (7299).....	24	48	65	15	9	87	28	139	357	1,605	2,288
OPTICAL ELEMENTS (8611).....	206	25	6	0	0	1	0	71	639	30	109
OPTICAL INSTRUMENTS (8613)....	344	60	11	21	84	19	9	334	249	389	291
MEASURING, CONTROL INSTR NES(8619).....	7	41	406	406	61	103	82	43	264	5,618	1,410

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

HUNGARY

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	11,721	11,090	11,382	10,502	24,676	32,364	33,638	48,700	53,922	49,063	107,264
HIGH TECHNOLOGY GOODS.....	846	1,201	1,760	1,432	2,475	4,428	4,405	7,513	9,085	6,562	15,541
CALC MACHINES, COMPUTERS (7142).....	4	4	260	25	36	17	46	243	1,000	514	412
STATISTICAL MACHINES(7143).....	85	-	6	24	-	1	464	-	1,475	128	114
MACHINE TOOLS FOR METAL (7151).....	-	308	19	0	685	1	24	3,492	885	3	1,442
TELECOMMUNICATIONS EQUIP (7249).....	4	10	300	263	113	185	259	491	933	556	6,799
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	238	130	108	123	277	402	776	775	649	621	2,211
ELECTRICAL MACHINERY, N.E.S. (7299).....	383	696	893	680	1,021	2,547	2,072	1,074	3,257	3,624	3,951
OPTICAL ELEMENTS (8611).....	-	5	2	47	36	72	136	87	96	255	199
OPTICAL INSTRUMENTS (8613).....	101	13	102	191	151	144	328	513	466	334	199
MEASURING, CONTROL INSTR NES(8619).....	25	35	63	73	145	47	269	243	136	289	105

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

POLAND

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	22,414	41,773	88,750	130,198	220,453	257,036	253,747	299,829	265,647	221,117	228,176
HIGH TECHNOLOGY GOODS.....	1,410	1,854	16,188	15,296	18,317	17,232	38,279	61,616	55,713	68,774	29,355
CALC MACHINES, COMPUTERS											
(7142).....	27	309	683	1,277	564	511	29	34	6	41	32
STATISTICAL MACHINES(7143)...	-	1	46	463	690	13	6	77	7,448	158	92
MACHINE TOOLS FOR METAL											
(7151).....	39	70	10,757	7,983	3,736	1,648	17,403	40,852	26,200	40,067	5,682
TELECOMMUNICATIONS EQUIP											
(7249).....	632	582	677	583	1,911	1,134	192	111	1,014	314	1,070
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	95	88	153	684	2,069	1,681	1,446	1,336	682	1,232	943
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	185	268	1,506	1,081	3,855	7,832	10,538	14,615	16,059	23,583	18,841
AIRCRAFT HEAVIER THAN AIR											
(7341).....	-	-	-	-	-	-	-	0	-	0	-
OPTICAL ELEMENTS (8611).....	-	-	29	36	103	85	37	55	146	57	39
OPTICAL INSTRUMENTS (8613)...	12	113	316	187	534	788	332	381	361	820	302
MEASURING, CONTROL INSTR											
NES(8619).....	203	216	641	599	1,154	655	2,585	1,410	1,249	1,384	1,110

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

ROMANIA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	26,153	35,951	48,009	71,428	166,281	135,433	133,732	258,516	231,658	181,062	202,655
HIGH TECHNOLOGY GOODS.....	1,930	3,537	12,271	16,643	9,173	9,408	13,320	44,079	69,447	39,615	26,215
CALC MACHINES, COMPUTERS	25	29	59	836	1,012	614	73	-	-	49	56
(7142).....	-	268	305	432	1,686	834	14	560	39	167	503
STATISTICAL MACHINES(7143)...											
MACHINE TOOLS FOR METAL	18	1,375	7,375	10,340	1,601	1,821	3,123	26,427	50,162	22,886	3,569
(7151).....											
TELECOMMUNICATIONS EQUIP	72	26	78	55	46	1,752	1,305	1,175	1,191	2,771	438
(7249).....											
TUBES, TRANSISTORS,	192	67	52	246	300	170	540	1,099	1,126	770	503
PHOTOCELLS(7293).....											
ELECTRICAL MACHINERY, N.E.S.	1,184	717	2,165	1,006	1,588	3,705	6,005	5,136	5,654	5,419	13,290
(7299).....											
AIRCRAFT HEAVIER THAN AIR	-	-	-	-	-	-	-	-	0	-	0
(7341).....											
OPTICAL ELEMENTS (8611).....	8	9	66	-	1	8	2	7	10	6	1
OPTICAL INSTRUMENTS (8613)...	3	-	3	164	58	17	7	67	551	254	9
MEASURING, CONTROL INSTR											
NES(8619).....	363	383	750	1,314	1,211	265	848	1,075	4,629	1,118	551

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

ALBANIA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	787	87	112	93	830	753	2,346	892	2,198	4,110	1,618
HIGH TECHNOLOGY GOODS.....	-	2	-	-	-	1	14	69	10	98	6
CALC MACHINES, COMPUTERS (7142).....	-	-	-	-	-	1	-	1	-	-	-
STATISTICAL MACHINES(7143)...	-	-	-	-	-	-	-	4	-	-	-
MACHINE TOOLS FOR METAL (7151).....	-	-	-	-	-	-	-	37	-	-	-
TELECOMMUNICATIONS EQUIP (7249).....	-	-	-	-	-	-	13	27	10	68	3
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	-	-	-	-	-	-	-	-	-	4	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	-	-	-	-	-	-	-	-	-	-	-
OPTICAL ELEMENTS (8611).....	-	-	-	-	-	-	-	-	-	12	2
OPTICAL INSTRUMENTS (8613)...	-	2	-	-	-	-	-	-	-	-	-
MEASURING, CONTROL INSTR NES(8619).....	-	-	-	-	-	-	-	-	-	8	-

- Data not available.

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EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

EXPORTS FOR (JAPAN, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	129,542,322	3,585,392	2,778,231	807,161
HIGH TECHNOLOGY GOODS.....	12,614,104	300,249	188,629	111,620
NUCLEAR REACTORS (7117).....	2,576	-	-	-
CALC MACHINES, COMPUTERS (7142).....	1,104,035	2,467	873	1,594
STATISTICAL MACHINES(7143)...	542,052	13,752	11,090	2,662
MACHINE TOOLS FOR METAL (7151).....	1,453,929	79,822	66,944	12,878
TELECOMMUNICATIONS EQUIP (7249).....	3,423,843	17,519	6,450	11,069
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	2,306,942	9,801	1,110	8,691
ELEC AND PROTON ACCELERATORS (7297).....	720	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	1,174,105	105,685	50,901	54,784
AIRCRAFT HEAVIER THAN AIR (7341).....	25,052	0	0	0
OPTICAL ELEMENTS (8611).....	702,437	1,317	918	399
OPTICAL INSTRUMENTS (8613)...	247,383	3,638	2,128	1,510
MEASURING, CONTROL INSTR NES(8619).....	411,627	12,535	8,486	4,049

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(PERCENT DISTRIBUTION OF EXPORTS, BY COMMODITY)

EXPORTING COUNTRY:

EXPORTS FOR (JAPAN, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	100.00	100.00	100.00	100.00
HIGH TECHNOLOGY GOODS.....	9.74	8.37	6.79	13.83
NUCLEAR REACTORS (7117).....	.00	-	-	-
CALC MACHINES, COMPUTERS (7142).....	.85	.07	.03	.20
STATISTICAL MACHINES(7143)...	.42	.38	.40	.33
MACHINE TOOLS FOR METAL (7151).....	1.12	2.23	2.41	1.60
TELECOMMUNICATIONS EQUIP (7249).....	2.64	.49	.23	1.37
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	1.78	.27	.04	1.08
ELEC AND PROTON ACCELERATORS (7297).....	.00	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	.91	2.95	1.83	6.79
AIRCRAFT HEAVIER THAN AIR (7341).....	.02	.00	.00	.00
OPTICAL ELEMENTS (8611).....	.54	.04	.03	.05
OPTICAL INSTRUMENTS (8613)...	.19	.10	.08	.19
MEASURING, CONTROL INSTR NES(8619).....	.32	.35	.31	.50

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EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(PERCENT DISTRIBUTION OF EXPORTS, BY PARTNER)

EXPORTING COUNTRY:

EXPORTS FOR (JAPAN, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	100.00	2.77	2.14	0.62
HIGH TECHNOLOGY GOODS.....	100.00	2.38	1.50	.88
NUCLEAR REACTORS (7117).....	100.00	-	-	-
CALC MACHINES, COMPUTERS (7142).....	100.00	.22	.08	.14
STATISTICAL MACHINES(7143)....	100.00	2.54	2.05	.49
MACHINE TOOLS FOR METAL (7151).....	100.00	5.49	4.60	.89
TELECOMMUNICATIONS EQUIP (7249).....	100.00	.51	.19	.32
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	100.00	.42	.05	.38
ELEC AND PROTON ACCELERATORS (7297).....	100.00	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	100.00	9.00	4.34	4.67
AIRCRAFT HEAVIER THAN AIR (7341).....	100.00	.00	.00	.00
OPTICAL ELEMENTS (8611).....	100.00	.19	.13	.06
OPTICAL INSTRUMENTS (8613)....	100.00	1.47	.86	.61
MEASURING, CONTROL INSTR NES(8619).....	100.00	3.05	2.06	.98

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

JAPAN, WORLD

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	19319232	24018881	28591144	36931398	55537758	55727886	67202802	80470069	97501408	102964E3	129542E3
HIGH TECHNOLOGY GOODS.....	1,225778	1,477537	1,945073	2,810376	3,499867	3,792721	5,537744	6,508790	9,030272	10145777	12614104
NUCLEAR REACTORS (7117).....	77	8,898	7,879	5,264	5,626	4,226	3,068	5,553	5,912	3,606	2,576
CALC. MACHINES, COMPUTERS											
(7142).....	223,076	261,431	307,126	486,640	494,243	503,765	643,606	662,011	856,209	905,728	1,104035
STATISTICAL MACHINES(7143)...	13,299	18,095	33,759	49,528	74,489	93,189	133,027	153,451	339,474	372,030	542,052
MACHINE TOOLS FOR METAL											
(7151).....	89,770	112,004	140,697	213,664	306,581	308,672	363,058	610,698	1,016709	1,229129	1,453929
TELECOMMUNICATIONS EQUIP											
(7249).....	321,610	435,501	585,774	811,339	1,017588	1,210265	2,198374	2,110811	2,620286	2,770811	3,423843
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	86,047	107,624	173,994	326,954	398,343	443,134	710,159	859,836	1,268853	1,679162	2,306942
ELEC AND PROTON ACCELERATORS											
(7297).....	21	0	0	3	0	8	76	0	4	0	720
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	143,587	163,458	205,808	293,880	399,573	406,127	482,201	604,444	754,105	915,464	1,174105
AIRCRAFT HEAVIER THAN AIR											
(7341).....	30,297	25,107	28,785	32,551	22,114	9,121	5,359	9,632	35,203	34,626	25,052
WARSHIPS (7351).....											
OPTICAL ELEMENTS (8611).....	64,252	83,436	117,468	152,977	181,834	192,953	261,605	375,365	528,447	616,748	702,437
OPTICAL INSTRUMENTS (8613)...	76,807	74,986	90,906	109,896	125,262	111,497	133,976	171,410	196,457	208,436	247,383
MEASURING, CONTROL INSTR											
NES(8619).....	65,338	67,951	90,033	118,739	162,957	157,645	182,197	238,790	340,456	375,580	411,627

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

JAPAN, USSR AND EUROPEAN CEMA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	447,565	536,115	736,030	810,321	1,675,206	2,197,917	2,801,263	2,670,203	3,199,302	3,268,765	3,585,392
HIGH TECHNOLOGY GOODS.....	38,005	41,209	104,131	120,414	120,933	162,247	168,371	358,159	471,378	369,679	300,249
NUCLEAR REACTORS (7117).....	-	-	5	-	-	-	-	-	-	-	-
CALC MACHINES, COMPUTERS	2,116	2,693	4,700	6,777	6,518	8,106	5,647	4,214	3,488	2,708	2,467
(7142).....	1,178	557	2,394	2,397	5,811	6,982	1,778	3,651	11,977	7,373	13,752
STATISTICAL MACHINES(7143)...	-	-	-	-	-	-	-	-	-	-	-
MACHINE TOOLS FOR METAL	12,821	10,152	51,227	64,006	50,371	38,649	48,276	153,776	165,886	111,774	79,822
(7151).....	-	-	-	-	-	-	-	-	-	-	-
TELECOMMUNICATIONS EQUIP	1,748	1,039	1,967	1,689	8,332	8,257	11,725	5,450	16,292	17,376	17,519
(7249).....	-	-	-	-	-	-	-	-	-	-	-
TUBES, TRANSISTORS,	2,021	1,806	1,182	1,500	4,758	4,622	3,857	5,355	5,230	6,339	9,801
PHOTOCELLS(7293).....	-	-	-	-	-	-	-	-	-	-	-
ELEC AND PROTON ACCELERATORS	-	-	-	-	-	-	-	-	-	-	-
(7297).....	-	-	-	-	-	-	-	-	-	-	-
ELECTRICAL MACHINERY, N.E.S.	5,906	11,039	13,458	9,869	18,667	64,364	40,698	60,696	61,561	65,697	105,685
(7299).....	-	-	-	-	-	-	-	-	-	-	-
AIRCRAFT HEAVIER THAN AIR	-	0	-	-	0	0	0	0	0	0	0
(7341).....	-	290	372	327	251	368	388	579	1,247	1,727	1,317
OPTICAL ELEMENTS (8611).....	488	1,859	1,350	2,520	3,352	5,604	3,765	3,448	5,162	5,225	3,638
OPTICAL INSTRUMENTS (8613)...	2,117	-	-	-	-	-	-	-	-	-	-
MEASURING, CONTROL INSTR	3,213	2,557	6,167	7,618	6,785	8,522	10,113	12,553	21,627	27,107	12,535
NES(8619).....	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

JAPAN, USSR

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	340,960	377,747	504,180	484,587	1,101,697	1,624,429	2,251,894	1,933,877	2,502,195	2,461,464	2,778,231
HIGH TECHNOLOGY GOODS.....	28,024	24,391	62,877	69,824	72,164	107,647	95,701	225,722	308,545	190,188	188,629
CALC MACHINES, COMPUTERS (7142).....	1,644	2,128	3,446	4,373	4,768	4,762	4,156	2,380	1,069	1,029	873
STATISTICAL MACHINES(7143).....	-	97	303	462	1,352	5,854	1,240	1,579	2,883	6,007	11,090
MACHINE TOOLS FOR METAL (7151).....	12,721	8,337	32,140	42,445	38,530	28,959	23,878	80,381	78,476	46,622	66,944
TELECOMMUNICATIONS EQUIP (7249).....	589	355	455	670	5,613	4,356	8,515	1,479	10,185	12,599	6,450
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	380	876	219	237	430	1,375	295	809	1,700	1,275	1,110
ELEC AND PROTON ACCELERATORS (7297).....	-	-	-	-	0	-	-	-	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	2,872	5,575	5,362	4,266	6,801	39,801	14,588	31,915	27,196	18,464	50,901
AIRCRAFT HEAVIER THAN AIR (7341).....	-	-	-	-	0	-	-	0	-	0	0
OPTICAL ELEMENTS (8611).....	273	249	261	241	109	171	101	257	275	1,347	918
OPTICAL INSTRUMENTS (8613)...	1,462	1,606	836	1,840	2,196	4,326	2,804	1,697	3,157	3,020	2,128
MEASURING, CONTROL INSTR NES(8619).....	2,498	1,415	4,118	4,163	3,514	6,824	6,001	9,251	14,685	18,285	8,486

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

JAPAN, USSR AND EUROPEAN CEMA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	447,565	536,115	736,030	810,321	1,675,206	2,197,917	2,801,263	2,670,203	3,199,302	3,268,765	3,585,392
HIGH TECHNOLOGY GOODS.....	38,005	41,209	104,131	120,414	120,933	162,247	168,371	358,159	471,378	369,679	300,249
NUCLEAR REACTORS (7117).....	-	-	5	-	-	-	-	-	-	-	-
CALC MACHINES, COMPUTERS											
(7142).....	2,116	2,693	4,700	6,777	6,518	8,106	5,647	4,214	3,488	2,708	2,467
STATISTICAL MACHINES(7143)...	1,178	557	2,394	2,397	5,811	6,982	1,778	3,651	11,977	7,373	13,752
MACHINE TOOLS FOR METAL											
(7151).....	12,821	10,152	51,227	64,006	50,371	38,649	48,276	153,776	165,886	111,774	79,822
TELECOMMUNICATIONS EQUIP											
(7249).....	1,748	1,039	1,967	1,689	8,332	8,257	11,725	5,450	16,292	17,376	17,519
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	2,021	1,806	1,182	1,500	4,758	4,622	3,857	5,355	5,230	6,339	9,801
ELEC AND PROTON ACCELERATORS											
(7297).....	-	-	-	-	0	-	-	-	-	-	-
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	5,906	11,039	13,458	9,869	18,667	64,364	40,698	60,696	61,561	65,697	105,685
AIRCRAFT HEAVIER THAN AIR											
(7341).....	-	0	-	-	0	0	0	0	0	0	0
OPTICAL ELEMENTS (8611).....	488	290	372	327	251	368	388	579	1,247	1,727	1,317
OPTICAL INSTRUMENTS (8613)...	2,117	1,859	1,350	2,520	3,352	5,604	3,765	3,448	5,162	5,225	3,638
MEASURING, CONTROL INSTR											
NES(8619).....	3,213	2,557	6,167	7,618	6,785	8,522	10,113	12,553	21,627	27,107	12,535

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

JAPAN, USSR

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	340,960	377,747	504,180	484,587	1,101,697	1,624,429	2,251,894	1,933,877	2,502,195	2,461,464	2,778,231
HIGH TECHNOLOGY GOODS.....	28,024	24,391	62,877	69,824	72,164	107,647	95,701	225,722	308,545	190,188	188,629
CALC MACHINES, COMPUTERS											
(7142).....	1,644	2,128	3,446	4,373	4,768	4,762	4,156	2,380	1,069	1,029	873
STATISTICAL MACHINES(7143)...	-	97	303	462	1,352	5,854	1,240	1,579	2,883	6,007	11,090
MACHINE TOOLS FOR METAL											
(7151).....	12,721	8,337	32,140	42,445	38,530	28,959	23,878	80,381	78,476	46,622	66,944
TELECOMMUNICATIONS EQUIP											
(7249).....	589	355	455	670	5,613	4,356	8,515	1,479	10,185	12,599	6,450
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	380	876	219	237	430	1,375	295	809	1,700	1,275	1,110
ELEC AND PROTON ACCELERATORS											
(7297).....	-	-	-	-	0	-	-	-	-	-	-
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	2,872	5,575	5,362	4,266	6,801	39,801	14,588	31,915	27,196	18,464	50,901
AIRCRAFT HEAVIER THAN AIR											
(7341).....	-	-	-	-	0	-	-	0	-	0	0
OPTICAL ELEMENTS (8611).....	273	249	261	241	109	171	101	257	275	1,347	918
OPTICAL INSTRUMENTS (8613)...	1,462	1,606	836	1,840	2,196	4,326	2,804	1,697	3,157	3,020	2,128
MEASURING, CONTROL INSTR											
NES(8619).....	2,498	1,415	4,118	4,163	3,514	6,824	6,001	9,251	14,685	18,285	8,486

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

JAPAN, EUROPEAN CEMA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	106,605	158,368	231,850	325,734	573,509	573,488	549,369	736,326	697,107	807,301	807,161
HIGH TECHNOLOGY GOODS.....	9,981	16,818	41,254	50,590	48,769	54,600	72,670	132,437	162,833	179,491	111,620
NUCLEAR REACTORS (7117).....	-	-	5	-	-	-	-	-	-	-	-
CALC MACHINES, COMPUTERS (7142).....	472	565	1,254	2,404	1,750	3,344	1,491	1,834	2,419	1,679	1,594
STATISTICAL MACHINES(7143)...	1,178	460	2,091	1,935	4,459	1,128	538	2,072	9,094	1,366	2,662
MACHINE TOOLS FOR METAL (7151).....	100	1,815	19,087	21,561	11,841	9,690	24,398	73,395	87,410	65,152	12,878
TELECOMMUNICATIONS EQUIP (7249).....	1,159	684	1,512	1,019	2,719	3,901	3,210	3,971	6,107	4,777	11,069
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	1,641	930	963	1,263	4,328	3,247	3,562	4,546	3,530	5,064	8,691
ELECTRICAL MACHINERY, N.E.S. (7299).....	3,034	5,464	8,096	5,603	11,866	24,563	26,110	28,781	34,365	47,233	54,784
AIRCRAFT HEAVIER THAN AIR (7341).....	-	0	-	-	-	0	0	0	0	0	0
OPTICAL ELEMENTS (8611).....	215	41	111	86	142	197	287	322	972	380	399
OPTICAL INSTRUMENTS (8613)...	655	253	514	680	1,156	1,278	961	1,751	2,005	2,205	1,510
MEASURING, CONTROL INSTR NES(8619).....	715	1,142	2,049	3,455	3,271	1,698	4,112	3,302	6,942	8,822	4,049

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

BULGARIA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	20,760	20,070	20,987	36,429	73,716	54,175	47,044	50,757	55,399	45,006	65,316
HIGH TECHNOLOGY GOODS.....	2,349	3,377	4,516	4,368	11,458	12,115	8,378	5,682	15,301	4,135	4,701
CALC MACHINES, COMPUTERS											
(7142).....	378	113	83	13	26	-	4	8	3	275	127
STATISTICAL MACHINES(7143).....	567	171	1,720	139	1,923	188	12	1,431	132	1	55
MACHINE TOOLS FOR METAL											
(7151).....	6	52	0	2,721	5,748	5,402	3,725	585	9,752	199	250
TELECOMMUNICATIONS EQUIP											
(7249).....	27	22	14	54	14	782	1,253	956	276	607	1,301
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	48	45	399	57	282	560	575	613	470	513	599
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	796	2,109	1,731	1,182	2,408	4,541	1,929	1,310	3,217	2,194	1,512
OPTICAL ELEMENTS (8611).....	1	-	3	3	2	31	70	28	80	2	43
OPTICAL INSTRUMENTS (8613).....	4	41	21	3	8	121	215	270	112	4	167
MEASURING, CONTROL INSTR											
NES(8619).....	13	371	119	136	335	161	157	230	311	80	352

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

CZECHOSLOVAKIA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	10,112	14,748	14,967	38,695	41,724	44,765	30,071	35,011	30,265	38,591	63,466
HIGH TECHNOLOGY GOODS.....	1,753	1,978	2,474	9,401	5,172	7,875	7,064	11,140	10,149	14,112	21,018
CALC MACHINES, COMPUTERS											
(7142).....	31	110	169	223	112	159	537	1,470	984	678	620
STATISTICAL MACHINES(7143)...	526	20	14	39	160	77	42	-	-	895	1,590
MACHINE TOOLS FOR METAL											
(7151).....	2	2	341	238	18	320	110	1,609	0	511	767
TELECOMMUNICATIONS EQUIP											
(7249).....	424	44	23	41	205	19	136	870	2,594	192	412
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	4	24	26	1	11	19	26	34	63	180	598
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	462	1,626	1,736	1,639	2,985	5,851	5,538	6,507	5,821	10,808	14,900
AIRCRAFT HEAVIER THAN AIR											
(7341).....	-	0	-	-	-	0	0	0	0	0	-
OPTICAL ELEMENTS (8611).....	-	2	5	-	0	-	42	74	1	18	8
OPTICAL INSTRUMENTS (8613)...	191	24	61	114	321	189	70	186	266	404	542
MEASURING, CONTROL INSTR											
NES(8619).....	104	96	70	927	365	467	171	301	353	325	521

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

EAST GERMANY

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	14,658	34,649	47,643	38,389	45,829	48,962	48,791	42,621	58,018	268,352	138,666
HIGH TECHNOLOGY GOODS.....	1,693	4,869	4,045	3,450	2,174	3,541	1,210	2,338	3,128	46,195	14,784
NUCLEAR REACTORS (7117).....	-	-	5	-	-	-	-	-	-	-	-
CALC MACHINES, COMPUTERS											
(7142).....	7	0	0	30	0	2,042	802	78	426	122	347
STATISTICAL MACHINES(7143)...	-	-	0	838	-	15	0	0	0	17	308
MACHINE TOOLS FOR METAL											
(7151).....	35	8	595	279	53	498	13	393	411	1,486	1,168
TELECOMMUNICATIONS EQUIP											
(7249).....	-	-	420	23	430	29	52	341	89	269	1,046
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	1,064	576	225	152	1,389	415	199	689	540	1,744	3,837
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	24	48	65	15	9	87	28	139	357	1,605	2,288
OPTICAL ELEMENTS (8611).....	206	25	6	0	0	1	0	71	639	30	109
OPTICAL INSTRUMENTS (8613)...	344	60	11	21	84	19	9	334	249	389	291
MEASURING, CONTROL INSTR											
NES(8619).....	7	41	406	406	61	103	82	43	264	5,618	1,410

See footnotes at end of table..

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

HUNGARY

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	11,721	11,090	11,382	10,502	24,676	32,364	33,638	48,700	53,922	49,063	107,264
HIGH TECHNOLOGY GOODS.....	846	1,201	1,760	1,432	2,475	4,428	4,405	7,513	9,085	6,562	15,541
CALC MACHINES, COMPUTERS	4	4	260	25	36	17	46	243	1,000	514	412
(7142).....	85	-	6	24	-	1	464	-	1,475	128	114
STATISTICAL MACHINES(7143)...	-	308	19	0	685	1	24	3,492	885	3	1,442
MACHINE TOOLS FOR METAL	-	10	300	263	113	185	259	491	933	556	6,799
(7151).....	4	130	108	123	277	402	776	775	649	621	2,211
TELECOMMUNICATIONS EQUIP	238	696	893	680	1,021	2,547	2,072	1,074	3,257	3,624	3,951
(7249).....	383	5	2	47	36	72	136	87	96	255	199
TUBES, TRANSISTORS,	-	13	102	191	151	144	328	513	466	334	199
PHOTOCELLS(7293).....	101	35	63	73	145	47	269	243	136	289	105
ELECTRICAL MACHINERY, N.E.S.	25										
(7299).....											
OPTICAL ELEMENTS (8611).....											
OPTICAL INSTRUMENTS (8613)...											
MEASURING, CONTROL INSTR											
NES(8619).....											

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

POLAND

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	22,414	41,773	88,750	130,198	220,453	257,036	253,747	299,829	265,647	221,117	228,176
HIGH TECHNOLOGY GOODS.....	1,410	1,854	16,188	15,296	18,317	17,232	38,279	61,616	55,713	68,774	29,355
CALC MACHINES, COMPUTERS	27	309	683	1,277	564	511	29	34	6	41	32
STATISTICAL MACHINES(7143)...	-	1	46	463	690	13	6	77	7,448	158	92
MACHINE TOOLS FOR METAL	39	70	10,757	7,983	3,736	1,648	17,403	40,852	26,200	40,067	5,682
(7151).....											
TELECOMMUNICATIONS EQUIP	632	582	677	583	1,911	1,134	192	111	1,014	314	1,070
(7249).....											
TUBES, TRANSISTORS,	95	88	153	684	2,069	1,681	1,446	1,336	682	1,232	943
PHOTOCELLS(7293).....											
ELECTRICAL MACHINERY, N.E.S.	185	268	1,506	1,081	3,855	7,832	10,538	14,615	16,059	23,583	18,841
(7299).....											
AIRCRAFT HEAVIER THAN AIR	-	-	-	-	-	-	-	0	-	0	-
(7341).....											
OPTICAL ELEMENTS (8611).....	-	-	29	36	103	85	37	55	146	57	39
OPTICAL INSTRUMENTS (8613)...	12	113	316	187	534	788	332	381	361	820	302
MEASURING, CONTROL INSTR											
NES(8619).....	203	216	641	599	1,154	655	2,585	1,410	1,249	1,384	1,110

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

ROMANIA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	26,153	35,951	48,009	71,428	166,281	135,433	133,732	258,516	231,658	181,062	202,655
HIGH TECHNOLOGY GOODS.....	1,930	3,537	12,271	16,643	9,173	9,408	13,320	44,079	69,447	39,615	26,215
CALC MACHINES, COMPUTERS (7142).....	25	29	59	836	1,012	614	73	-	-	49	56
STATISTICAL MACHINES(7143)...	-	268	305	432	1,686	834	14	560	39	167	503
MACHINE TOOLS FOR METAL (7151).....	18	1,375	7,375	10,340	1,601	1,821	3,123	26,427	50,162	22,886	3,569
TELECOMMUNICATIONS EQUIP (7249).....	72	26	78	55	46	1,752	1,305	1,175	1,191	2,771	438
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	192	67	52	246	300	170	540	1,099	1,126	770	503
ELECTRICAL MACHINERY, N.E.S. (7299).....	1,184	717	2,165	1,006	1,588	3,705	6,005	5,136	5,654	5,419	13,290
AIRCRAFT HEAVIER THAN AIR (7341).....	-	-	-	-	-	-	-	-	0	-	0
OPTICAL ELEMENTS (8611).....	8	9	66	-	1	8	2	7	10	6	1
OPTICAL INSTRUMENTS (8613)...	3	-	3	164	58	17	7	67	551	254	9
MEASURING, CONTROL INSTR NES(8619).....	363	383	750	1,314	1,211	265	848	1,075	4,629	1,118	551

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

ALBANIA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	787	87	112	93	830	753	2,346	892	2,198	4,110	1,618
HIGH TECHNOLOGY GOODS.....	-	2	-	-	-	1	14	69	10	98	6
CALC MACHINES, COMPUTERS (7142).....	-	-	-	-	-	1	-	1	-	-	-
STATISTICAL MACHINES(7143).....	-	-	-	-	-	-	-	4	-	-	-
MACHINE TOOLS FOR METAL (7151).....	-	-	-	-	-	-	-	37	-	-	-
TELECOMMUNICATIONS EQUIP (7249).....	-	-	-	-	-	-	13	27	10	68	3
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	-	-	-	-	-	-	-	-	-	4	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	-	-	-	-	-	-	-	-	-	-	2
OPTICAL ELEMENTS (8611).....	-	-	-	-	-	-	-	-	-	12	-
OPTICAL INSTRUMENTS (8613).....	-	2	-	-	-	-	-	-	-	-	-
MEASURING, CONTROL INSTR NES(8619).....	-	-	-	-	-	-	-	-	-	8	-

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EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

EXPORTS FOR (JAPAN, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	129,542,322	3,585,392	2,778,231	807,161
HIGH TECHNOLOGY GOODS.....	12,614,104	300,249	188,629	111,620
NUCLEAR REACTORS (7117).....	2,576	-	-	-
CALC MACHINES, COMPUTERS (7142).....	1,104,035	2,467	873	1,594
STATISTICAL MACHINES(7143)...	542,052	13,752	11,090	2,662
MACHINE TOOLS FOR METAL (7151).....	1,453,929	79,822	66,944	12,878
TELECOMMUNICATIONS EQUIP (7249).....	3,423,843	17,519	6,450	11,069
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	2,306,942	9,801	1,110	8,691
ELEC AND PROTON ACCELERATORS (7297).....	720	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	1,174,105	105,685	50,901	54,784
AIRCRAFT HEAVIER THAN AIR (7341).....	25,052	0	0	0
OPTICAL ELEMENTS (8611).....	702,437	1,317	918	399
OPTICAL INSTRUMENTS (8613)...	247,383	3,638	2,128	1,510
MEASURING, CONTROL INSTR NES(8619).....	411,627	12,535	8,486	4,049

- Data not available.

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EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(PERCENT DISTRIBUTION OF EXPORTS, BY COMMODITY)

EXPORTING COUNTRY:

EXPORTS FOR (JAPAN, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	100.00	100.00	100.00	100.00
HIGH TECHNOLOGY GOODS.....	9.74	8.37	6.79	13.83
NUCLEAR REACTORS (7117).....	.00	-	-	-
CALC MACHINES, COMPUTERS (7142).....	.85	.07	.03	.20
STATISTICAL MACHINES(7143)....	.42	.38	.40	.33
MACHINE TOOLS FOR METAL (7151).....	1.12	2.23	2.41	1.60
TELECOMMUNICATIONS EQUIP (7249).....	2.64	.49	.23	1.37
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	1.78	.27	.04	1.08
ELEC AND PROTON ACCELERATORS (7297).....	.00	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	.91	2.95	1.83	6.79
AIRCRAFT HEAVIER THAN AIR (7341).....	.02	.00	.00	.00
OPTICAL ELEMENTS (8611).....	.54	.04	.03	.05
OPTICAL INSTRUMENTS (8613)....	.19	.10	.08	.19
MEASURING, CONTROL INSTR NES(8619).....	.32	.35	.31	.50

- Data not available.

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EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(PERCENT DISTRIBUTION OF EXPORTS, BY PARTNER)

EXPORTING COUNTRY:

EXPORTS FOR (JAPAN, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	100.00	2.77	2.14	0.62
HIGH TECHNOLOGY GOODS.....	100.00	2.38	1.50	.88
NUCLEAR REACTORS (7117).....	100.00	-	-	-
CALC MACHINES, COMPUTERS (7142).....	100.00	.22	.08	.14
STATISTICAL MACHINES(7143)...	100.00	2.54	2.05	.49
MACHINE TOOLS FOR METAL (7151).....	100.00	5.49	4.60	.89
TELECOMMUNICATIONS EQUIP (7249).....	100.00	.51	.19	.32
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	100.00	.42	.05	.38
ELEC AND PROTON ACCELERATORS (7297).....	100.00	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	100.00	9.00	4.34	4.67
AIRCRAFT HEAVIER THAN AIR (7341).....	100.00	.00	.00	.00
OPTICAL ELEMENTS (8611).....	100.00	.19	.13	.06
OPTICAL INSTRUMENTS (8613)...	100.00	1.47	.86	.61
MEASURING, CONTROL INSTR NES(8619).....	100.00	3.05	2.06	.98

- Data not available.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

BULGARIA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	8,859	9,175	9,966	18,550	21,024	37,827	30,597	25,099	20,923	25,901	39,573
HIGH TECHNOLOGY GOODS.....	1,087	1,106	1,783	1,451	3,543	2,843	1,715	1,289	2,002	2,525	6,214
CALC MACHINES, COMPUTERS	128	292	347	14	277	566	49	29	12	0	12
(7142).....	-	6	18	12	5	38	42	69	4	98	51
STATISTICAL MACHINES(7143)...											
MACHINE TOOLS FOR METAL	519	83	2	48	457	444	235	112	63	68	232
(7151).....											
TELECOMMUNICATIONS EQUIP	43	57	154	226	108	157	59	154	31	90	82
(7249).....											
TUBES, TRANSISTORS,	97	-	-	-	-	-	30	3	5	4	5
PHOTOCELLS(7293).....											
ELECTRICAL MACHINERY, N.E.S.	3	306	318	631	1,898	166	106	227	830	605	3,595
(7299).....	-	-	-	-	1	-	-	-	-	-	-
OPTICAL ELEMENTS (8611).....	-	-	-	-	1	23	1	-	-	-	-
OPTICAL INSTRUMENTS (8613)...											
MEASURING, CONTROL INSTR	13	57	69	94	152	217	229	191	344	250	824
NES(8619).....											

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

CZECHOSLOVAKIA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	35,959	35,769	33,196	46,174	62,486	75,268	66,787	70,544	96,570	96,340	110,898
HIGH TECHNOLOGY GOODS.....	5,115	5,762	5,763	5,725	7,831	14,102	7,723	9,776	24,167	12,682	9,081
CALC MACHINES, COMPUTERS (7142).....	2,351	1,728	1,344	1,114	1,100	4,090	394	82	56	223	25
STATISTICAL MACHINES(7143).....	570	1,428	1,079	1,032	2,288	3,862	1,060	884	718	476	624
MACHINE TOOLS FOR METAL (7151).....	76	377	226	219	560	955	651	175	582	2,603	131
TELECOMMUNICATIONS EQUIP (7249).....	66	34	1,234	701	196	540	2,492	4,715	19,024	3,358	1,112
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	0	1	0	2	1	2	1	2	1	5	2
ELECTRICAL MACHINERY, N.E.S. (7299).....	261	959	546	504	1,794	1,925	1,348	1,518	1,666	2,955	4,349
AIRCRAFT HEAVIER THAN AIR (7341).....	-	-	-	-	-	-	0	-	-	-	-
OPTICAL ELEMENTS (8611).....	0	0	0	0	1	10	41	5	5	3	-
OPTICAL INSTRUMENTS (8613).....	0	1	0	2	4	2	1	0	1	1	11
MEASURING, CONTROL INSTR NES(8619).....	259	262	633	500	318	627	323	462	519	540	665

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

EAST GERMANY

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	77,459	69,263	62,413	90,981	113,681	155,474	165,765	131,208	160,185	173,889	157,289
HIGH TECHNOLOGY GOODS.....	3,934	3,485	3,318	3,638	3,968	5,911	4,752	3,798	8,591	18,374	6,813
CALC MACHINES, COMPUTERS											
(7142).....	398	174	3	14	0	3	21	3	7	12	10
STATISTICAL MACHINES(7143)...	164	28	36	133	11	9	76	-	87	299	542
MACHINE TOOLS FOR METAL											
(7151).....	723	789	561	393	479	210	370	165	88	1,037	485
TELECOMMUNICATIONS EQUIP											
(7249).....	124	146	31	46	47	194	439	302	150	580	285
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	70	15	8	0	2	11	13	2	124	81	155
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	1,007	1,014	548	769	1,026	436	796	194	1,259	13,572	2,670
OPTICAL ELEMENTS (8611).....	0	0	0	0	0	0	1	12	8	11	7
OPTICAL INSTRUMENTS (8613)...	0	1	2	0	0	6	7	15	10	21	126
MEASURING, CONTROL INSTR											
NES(8619).....	527	625	621	704	427	1,479	586	522	875	695	1,041

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

HUNGARY

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	24,170	27,338	25,684	37,453	61,836	75,005	79,254	95,251	123,610	114,872	109,169
HIGH TECHNOLOGY GOODS.....	4,831	5,603	3,764	5,523	7,458	11,422	14,315	13,547	12,149	15,160	11,166
CALC MACHINES, COMPUTERS (7142).....	414	527	308	484	1,557	2,577	1,505	679	392	500	297
STATISTICAL MACHINES(7143).....	696	419	381	1,447	374	1,311	2,445	1,688	998	2,466	544
MACHINE TOOLS FOR METAL (7151).....	197	110	151	61	96	250	1,201	789	1,055	908	361
TELECOMMUNICATIONS EQUIP (7249).....	2,286	2,728	1,221	1,468	2,428	4,047	5,597	4,901	2,978	1,663	1,871
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	2	3	5	5	20	33	24	186	35	21	36
ELECTRICAL MACHINERY, N.E.S. (7299).....	80	193	245	189	488	582	677	1,108	1,395	3,859	2,250
OPTICAL ELEMENTS (8611).....	0	0	1	0	0	0	7	7	1	0	6
OPTICAL INSTRUMENTS (8613).....	-	-	-	0	-	-	-	-	-	-	-
MEASURING, CONTROL INSTR NES(8619).....	163	230	216	165	229	255	290	264	696	746	545

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

POLAND

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	39,228	59,457	85,497	175,176	295,207	408,960	364,973	317,817	295,872	327,153	269,442
HIGH TECHNOLOGY GOODS.....	4,142	4,449	8,635	18,085	22,770	21,828	26,874	22,256	20,412	16,526	15,185
CALC MACHINES, COMPUTERS											
(7142).....	203	279	1,068	799	263	257	179	63	133	34	15
STATISTICAL MACHINES(7143)...	141	119	590	2,072	2,696	2,528	2,609	1,467	344	353	32
MACHINE TOOLS FOR METAL											
(7151).....	1,311	1,517	2,658	5,104	7,587	5,794	7,847	6,224	6,903	3,472	2,774
TELECOMMUNICATIONS EQUIP											
(7249).....	452	202	365	1,322	1,711	1,754	2,745	1,993	795	391	600
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	60	61	111	119	178	150	241	42	19	28	31
ELEC AND PROTON ACCELERATORS											
(7297).....	-	-	-	-	-	-	-	0	-	-	-
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	395	292	987	2,979	4,131	3,666	3,687	4,435	5,369	4,718	3,201
AIRCRAFT HEAVIER THAN AIR											
(7341).....	-	0	0	0	0	0	13	0	12	0	-
OPTICAL ELEMENTS (8611).....	5	-	-	6	-	1	16	2	0	2	14
OPTICAL INSTRUMENTS (8613)...	0	-	13	1	16	44	35	2	8	9	3
MEASURING, CONTROL INSTR											
NES(8619).....	194	303	621	624	1,113	1,031	1,303	1,221	1,271	946	796

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

ROMANIA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	20,537	21,994	27,635	38,350	52,709	49,559	45,523	46,678	77,514	99,138	88,666
HIGH TECHNOLOGY GOODS.....	2,525	1,853	3,003	3,986	4,619	7,733	4,828	4,137	5,469	4,559	2,078
CALC MACHINES, COMPUTERS	364	386	403	342	71	252	-	-	73	10	-
(7142).....	-	-	1	34	6	42	2	3	26	34	4
STATISTICAL MACHINES(7143)...											
MACHINE TOOLS FOR METAL	383	244	976	814	2,390	4,460	3,421	1,708	1,521	2,402	84
(7151).....											
TELECOMMUNICATIONS EQUIP	557	319	159	177	194	215	93	42	142	48	202
(7249).....											
TUBES, TRANSISTORS,	174	165	361	6	29	79	62	119	34	17	27
PHOTOCELLS(7293).....											
ELECTRICAL MACHINERY, N.E.S.	523	306	455	1,692	1,046	870	723	1,100	1,574	674	639
(7299).....											
AIRCRAFT HEAVIER THAN AIR	-	-	-	-	-	-	-	-	-	-	0
(7341).....	-	-	5	0	7	1	-	0	2	1	0
OPTICAL ELEMENTS (8611).....	-	-	-	-	51	1	11	3	2	-	0
OPTICAL INSTRUMENTS (8613)...											
MEASURING, CONTROL INSTR	171	192	190	301	238	524	77	589	695	253	273
NES(8619).....											

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

ALBANIA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	672	649	901	700	405	1,139	234	1,047	982	2,513	1,830
HIGH TECHNOLOGY GOODS.....	54	12	1	19	4	-	64	220	33	16	164
MACHINE TOOLS FOR METAL (7151).....	1	-	-	-	-	-	-	-	-	-	-
TELECOMMUNICATIONS EQUIP (7249).....	-	-	-	-	-	-	43	218	1	4	-
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	-	-	-	-	-	-	-	1	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	-	-	1	-	-	-	-	-	25	-	-
MEASURING, CONTROL INSTR NES(8619).....	-	1	-	-	1	-	21	-	-	-	101

- Data not available.

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EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

EXPORTS FOR (SWEDEN, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	30,787,531	1,197,103	420,236	776,867
HIGH TECHNOLOGY GOODS.....	2,686,664	103,878	53,177	50,701
NUCLEAR REACTORS (7117).....	75,599	-	-	-
CALC MACHINES, COMPUTERS (7142).....	45,365	412	53	359
STATISTICAL MACHINES(7143)....	418,134	1,933	136	1,797
MACHINE TOOLS FOR METAL (7151).....	180,840	11,541	7,474	4,067
TELECOMMUNICATIONS EQUIP (7249).....	992,163	5,108	956	4,152
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	31,414	263	7	256
ELEC AND PROTON ACCELERATORS (7297).....	3,201	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	242,089	51,108	34,404	16,704
AIRCRAFT HEAVIER THAN AIR (7341).....	5,603	0	-	0
WARSHIPS (7351).....	20,801	-	-	-
OPTICAL ELEMENTS (8611).....	4,648	52	25	27
OPTICAL INSTRUMENTS (8613)....	12,111	140	0	140
MEASURING, CONTROL INSTR NES(8619).....	161,125	11,154	6,909	4,245

- Data not available.

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EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(PERCENT DISTRIBUTION OF EXPORTS, BY COMMODITY)

EXPORTING COUNTRY:

EXPORTS FOR (SWEDEN, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	100.00	100.00	100.00	100.00
HIGH TECHNOLOGY GOODS.....	8.73	8.68	12.65	6.53
NUCLEAR REACTORS (7117).....	.25	-	-	-
CALC MACHINES, COMPUTERS (7142).....	.15	.03	.01	.05
STATISTICAL MACHINES(7143)...	1.36	.16	.03	.23
MACHINE TOOLS FOR METAL (7151).....	.59	.96	1.78	.52
TELECOMMUNICATIONS EQUIP (7249).....	3.22	.43	.23	.53
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	.10	.02	.00	.03
ELEC AND PROTON ACCELERATORS (7297).....	.01	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	.79	4.27	8.19	2.15
AIRCRAFT HEAVIER THAN AIR (7341).....	.02	.00	-	.00
WARSHIPS (7351).....	.07	-	-	-
OPTICAL ELEMENTS (8611).....	.02	.00	.01	.00
OPTICAL INSTRUMENTS (8613)...	.04	.01	.00	.02
MEASURING, CONTROL INSTR NES(8619).....	.52	.93	1.64	.55

- Data not available.

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EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(PERCENT DISTRIBUTION OF EXPORTS, BY PARTNER)

EXPORTING COUNTRY:

EXPORTS FOR (SWEDEN, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	100.00	3.89	1.36	2.52
HIGH TECHNOLOGY GOODS.....	100.00	3.87	1.98	1.89
NUCLEAR REACTORS (7117).....	100.00	-	-	-
CALC MACHINES, COMPUTERS (7142).....	100.00	.91	.12	.79
STATISTICAL MACHINES(7143)....	100.00	.46	.03	.43
MACHINE TOOLS FOR METAL (7151).....	100.00	6.38	4.13	2.25
TELECOMMUNICATIONS EQUIP (7249).....	100.00	.51	.10	.42
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	100.00	.84	.02	.81
ELEC AND PROTON ACCELERATORS (7297).....	100.00	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	100.00	21.11	14.21	6.90
AIRCRAFT HEAVIER THAN AIR (7341).....	100.00	.00	-	.00
WARSHIPS (7351).....	100.00	-	-	-
OPTICAL ELEMENTS (8611).....	100.00	1.12	.54	.58
OPTICAL INSTRUMENTS (8613)....	100.00	1.16	.00	1.16
MEASURING, CONTROL INSTR NES(8619).....	100.00	6.92	4.29	2.63

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

SWEDEN, WORLD

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	6,780,759	7,463,956	8,748,747	12,171,216	15,909,463	17,434,127	18,440,263	19,054,353	21,768,102	27,537,845	30,787,531
HIGH TECHNOLOGY GOODS.....	566,344	673,713	753,899	952,463	1,196,688	1,480,353	1,531,897	1,572,255	1,885,762	2,416,248	2,686,664
NUCLEAR REACTORS (7117).....	734	80	1,666	1,301	181	122	8,673	16,017	85,962	117,100	75,599
CALC MACHINES, COMPUTERS (7142).....	110,573	105,695	71,042	76,799	79,576	76,170	57,445	50,183	46,536	51,133	45,365
STATISTICAL MACHINES(7143)...	9,147	6,890	68,677	82,800	115,499	123,696	144,466	175,866	236,940	312,815	418,134
MACHINE TOOLS FOR METAL (7151).....	43,227	52,891	56,441	74,355	93,299	113,465	115,853	123,471	138,765	175,505	180,840
TELECOMMUNICATIONS EQUIP (7249).....	197,350	239,610	302,296	387,780	477,364	653,016	667,869	606,333	750,156	915,484	992,163
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	4,096	4,085	4,960	5,230	7,081	9,227	11,242	15,222	18,527	23,898	31,414
ELEC AND PROTON ACCELERATORS (7297).....	0	0	0	2	0	18	2,135	1,188	2,423	129	3,201
ELECTRICAL MACHINERY, N.E.S. (7299).....	41,923	40,445	49,325	65,731	88,182	122,176	117,467	152,786	145,950	211,201	242,089
AIRCRAFT HEAVIER THAN AIR (7341).....	19,539	54,347	18,413	16,896	28,976	3,393	20,273	26,634	5,243	6,233	5,603
WARSHIPS (7351).....	0	5,910	-	0	0	0	-	96	0	50,972	20,801
OPTICAL ELEMENTS (8611).....	237	223	274	462	959	1,602	1,777	1,446	2,128	3,083	4,648
OPTICAL INSTRUMENTS (8613)...	807	791	922	546	1,016	1,651	1,850	2,814	1,859	7,182	12,111
MEASURING, CONTROL INSTR NES(8619).....	28,814	34,558	38,880	51,490	62,480	84,669	91,569	91,606	98,626	124,058	161,125

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

SWEDEN, USSR AND EUROPEAN CEMA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	338,289	311,038	328,712	524,739	786,571	1,095,777	1,033,448	944,599	985,597	1,179,086	1,197,103
HIGH TECHNOLOGY GOODS.....	36,159	29,686	35,953	56,540	85,503	106,688	101,114	118,573	100,290	117,240	103,878
CALC MACHINES, COMPUTERS											
(7142).....	4,342	3,723	4,069	3,410	3,891	7,879	2,347	953	718	782	412
STATISTICAL MACHINES(7143)...	1,580	2,223	2,173	4,860	5,569	7,841	6,435	4,637	2,256	3,758	1,933
MACHINE TOOLS FOR METAL											
(7151).....	3,781	4,403	6,695	14,193	20,791	25,124	28,365	24,124	15,472	21,400	11,541
TELECOMMUNICATIONS EQUIP											
(7249).....	14,568	4,545	3,741	4,597	5,165	9,085	12,132	14,035	24,828	12,656	5,108
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	414	265	510	138	309	311	375	395	266	244	263
ELEC AND PROTON ACCELERATORS											
(7297).....	-	-	-	-	-	-	-	0	-	-	-
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	2,763	3,263	5,278	11,160	17,584	23,252	18,967	43,126	22,320	44,828	51,108
AIRCRAFT HEAVIER THAN AIR											
(7341).....	-	0	0	0	0	0	13	0	12	0	0
OPTICAL ELEMENTS (8611).....	5	1	6	6	10	129	78	27	22	48	52
OPTICAL INSTRUMENTS (8613)...	0	14	15	3	72	241	59	260	21	32	140
MEASURING, CONTROL INSTR											
NES(8619).....	2,106	3,263	4,030	4,337	5,375	11,852	7,218	7,966	8,212	7,873	11,154

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

SWEDEN, USSR

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	131,405	87,393	83,420	117,355	179,223	292,545	280,315	256,955	209,941	339,280	420,236
HIGH TECHNOLOGY GOODS.....	14,471	7,416	9,686	18,113	35,310	42,849	40,843	63,550	27,467	47,398	53,177
CALC MACHINES, COMPUTERS	484	337	596	643	623	134	199	97	45	3	53
STATISTICAL MACHINES(7143)...	9	223	68	130	189	51	201	526	79	32	136
MACHINE TOOLS FOR METAL	571	1,283	2,121	7,554	9,222	13,011	14,640	14,951	5,260	10,910	7,474
(7151).....											
TELECOMMUNICATIONS EQUIP											
(7249).....	11,040	1,059	577	657	481	2,178	664	1,710	1,707	6,522	956
TUBES, TRANSISTORS,	11	20	25	6	79	36	4	40	48	88	7
PHOTOCELLS(7293).....											
ELECTRICAL MACHINERY, N.E.S.	494	193	2,178	4,396	7,201	15,607	11,630	34,544	10,202	18,445	34,404
(7299).....											
AIRCRAFT HEAVIER THAN AIR	-	0	-	-	-	-	-	-	-	-	-
(7341).....	-	1	-	-	1	117	13	1	6	31	25
OPTICAL ELEMENTS (8611).....					0	165	4	240	0	1	0
OPTICAL INSTRUMENTS (8613)...	0	12	0	0	0						
MEASURING, CONTROL INSTR											
NES(8619).....	779	1,593	1,680	1,949	2,897	7,719	4,389	4,717	3,812	4,443	6,909

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

SWEDEN, EUROPEAN CEMA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	206,884	223,645	245,292	407,384	607,348	803,232	753,133	687,644	775,656	839,806	776,867
HIGH TECHNOLOGY GOODS.....	21,688	22,270	26,267	38,427	50,193	63,839	60,271	55,023	72,823	69,842	50,701
CALC MACHINES, COMPUTERS (7142).....	3,858	3,386	3,473	2,767	3,268	7,745	2,148	856	673	779	359
STATISTICAL MACHINES(7143)...	1,571	2,000	2,105	4,730	5,380	7,790	6,234	4,111	2,177	3,726	1,797
MACHINE TOOLS FOR METAL (7151).....	3,210	3,120	4,574	6,639	11,569	12,113	13,725	9,173	10,212	10,490	4,067
TELECOMMUNICATIONS EQUIP (7249).....	3,528	3,486	3,164	3,940	4,684	6,907	11,468	12,325	23,121	6,134	4,152
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	403	245	485	132	230	275	371	355	218	156	256
ELEC AND PROTON ACCELERATORS (7297).....	-	-	-	-	-	-	-	0	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	2,269	3,070	3,100	6,764	10,383	7,645	7,337	8,582	12,118	26,383	16,704
AIRCRAFT HEAVIER THAN AIR (7341).....	-	0	0	0	0	0	13	0	12	0	0
OPTICAL ELEMENTS (8611).....	5	0	6	6	9	12	65	26	16	17	27
OPTICAL INSTRUMENTS (8613)...	0	2	15	3	72	76	55	20	21	31	140
MEASURING, CONTROL INSTR NES(8619).....	1,327	1,670	2,350	2,388	2,478	4,133	2,829	3,249	4,400	3,430	4,245

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

BULGARIA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	8,859	9,175	9,966	18,550	21,024	37,827	30,597	25,099	20,923	25,901	39,573
HIGH TECHNOLOGY GOODS.....	1,087	1,106	1,783	1,451	3,543	2,843	1,715	1,289	2,002	2,525	6,214
CALC MACHINES, COMPUTERS	128	292	347	14	277	566	49	29	12	0	12
(7142).....	-	6	18	12	5	38	42	69	4	98	51
STATISTICAL MACHINES(7143)...											
MACHINE TOOLS FOR METAL	519	83	2	48	457	444	235	112	63	68	232
(7151).....											
TELECOMMUNICATIONS EQUIP	43	57	154	226	108	157	59	154	31	90	82
(7249).....											
TUBES, TRANSISTORS,	97	-	-	-	-	-	30	3	5	4	5
PHOTOCELLS(7293).....											
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	3	306	318	631	1,898	166	106	227	830	605	3,595
OPTICAL ELEMENTS (8611).....	-	-	-	-	1	-	-	-	-	-	-
OPTICAL INSTRUMENTS (8613)...	-	-	-	-	1	23	1	-	-	-	-
MEASURING, CONTROL INSTR											
NES(8619).....	13	57	69	94	152	217	229	191	344	250	824

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

CZECHOSLOVAKIA

EXPORTS											
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	35,959	35,769	33,196	46,174	62,486	75,268	66,787	70,544	96,570	96,340	110,898
HIGH TECHNOLOGY GOODS.....	5,115	5,762	5,763	5,725	7,831	14,102	7,723	9,776	24,167	12,682	9,081
CALC MACHINES, COMPUTERS											
(7142).....	2,351	1,728	1,344	1,114	1,100	4,090	394	82	56	223	25
STATISTICAL MACHINES(7143)...	570	1,428	1,079	1,032	2,288	3,862	1,060	884	718	476	624
MACHINE TOOLS FOR METAL											
(7151).....	76	377	226	219	560	955	651	175	582	2,603	131
TELECOMMUNICATIONS EQUIP											
(7249).....	66	34	1,234	701	196	540	2,492	4,715	19,024	3,358	1,112
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	0	1	0	2	1	2	1	2	1	5	2
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	261	959	546	504	1,794	1,925	1,348	1,518	1,666	2,955	4,349
AIRCRAFT HEAVIER THAN AIR											
(7341).....	-	-	-	-	-	-	0	-	-	-	-
OPTICAL ELEMENTS (8611).....	0	0	0	0	1	10	41	5	5	3	-
OPTICAL INSTRUMENTS (8613)...	0	1	0	2	4	2	1	0	1	1	11
MEASURING, CONTROL INSTR											
NES(8619).....	259	262	633	500	318	627	323	462	519	540	665

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

EAST GERMANY

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	77,459	69,263	62,413	90,981	113,681	155,474	165,765	131,208	160,185	173,889	157,289
HIGH TECHNOLOGY GOODS.....	3,934	3,485	3,318	3,638	3,968	5,911	4,752	3,798	8,591	18,374	6,813
CALC MACHINES, COMPUTERS	398	174	3	14	0	3	21	3	7	12	10
(7142).....	164	28	36	133	11	9	76	-	87	299	542
STATISTICAL MACHINES(7143)....	723	789	561	393	479	210	370	165	88	1,037	485
MACHINE TOOLS FOR METAL											
(7151).....											
TELECOMMUNICATIONS EQUIP	124	146	31	46	47	194	439	302	150	580	285
(7249).....											
TUBES, TRANSISTORS,	70	15	8	0	2	11	13	2	124	81	155
PHOTOCELLS(7293).....											
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	1,007	1,014	548	769	1,026	436	796	194	1,259	13,572	2,670
OPTICAL ELEMENTS (8611).....	0	0	0	0	0	0	1	12	8	11	7
OPTICAL INSTRUMENTS (8613)....	0	1	2	0	0	6	7	15	10	21	126
MEASURING, CONTROL INSTR											
NES(8619).....	527	625	621	704	427	1,479	586	522	875	695	1,041

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

HUNGARY

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	24,170	27,338	25,684	37,453	61,836	75,005	79,254	95,251	123,610	114,872	109,169
HIGH TECHNOLOGY GOODS.....	4,831	5,603	3,764	5,523	7,458	11,422	14,315	13,547	12,149	15,160	11,166
CALC MACHINES, COMPUTERS											
(7142).....	414	527	308	484	1,557	2,577	1,505	679	392	500	297
STATISTICAL MACHINES(7143)...	696	419	381	1,447	374	1,311	2,445	1,688	998	2,466	544
MACHINE TOOLS FOR METAL											
(7151).....	197	110	151	61	96	250	1,201	789	1,055	908	361
TELECOMMUNICATIONS EQUIP											
(7249).....	2,286	2,728	1,221	1,468	2,428	4,047	5,597	4,901	2,978	1,663	1,871
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	2	3	5	5	20	33	24	186	35	21	36
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	80	193	245	189	488	582	677	1,108	1,395	3,859	2,250
OPTICAL ELEMENTS (8611).....	0	0	1	0	0	0	7	7	1	0	6
OPTICAL INSTRUMENTS (8613)...				0							
MEASURING, CONTROL INSTR											
NES(8619).....	163	230	216	165	229	255	290	264	696	746	545

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

POLAND

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	39,228	59,457	85,497	175,176	295,207	408,960	364,973	317,817	295,872	327,153	269,442
HIGH TECHNOLOGY GOODS.....	4,142	4,449	8,635	18,085	22,770	21,828	26,874	22,256	20,412	16,526	15,185
CALC MACHINES, COMPUTERS.....	203	279	1,058	799	263	257	179	63	133	34	15
(7142).....	141	119	590	2,072	2,696	2,528	2,609	1,467	344	353	32
STATISTICAL MACHINES(7143)....											
MACHINE TOOLS FOR METAL.....	1,311	1,517	2,658	5,104	7,587	5,794	7,847	6,224	6,903	3,472	2,774
(7151).....											
TELECOMMUNICATIONS EQUIP.....	452	202	365	1,322	1,711	1,754	2,745	1,993	795	391	600
(7249).....											
TUBES, TRANSISTORS.....	60	61	111	119	178	150	241	42	19	28	31
PHOTOCELLS(7293).....											
ELEC AND PROTON ACCELERATORS.....											
(7297).....											
ELECTRICAL MACHINERY, N.E.S.....	395	292	987	2,979	4,131	3,666	3,687	4,435	5,369	4,718	3,201
(7299).....											
AIRCRAFT HEAVIER THAN AIR.....											
(7341).....											
OPTICAL ELEMENTS (8611).....	5	0	0	0	0	0	13	0	12	0	14
OPTICAL INSTRUMENTS (8613)....	0			6		1	16	2	0	2	
MEASURING, CONTROL INSTR.....				1	16	44	35	2	8	9	3
NES(8619).....	194	303	621	624	1,113	1,031	1,303	1,221	1,271	946	796

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

ROMANIA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	20,537	21,994	27,635	38,350	52,709	49,559	45,523	46,678	77,514	99,138	88,666
HIGH TECHNOLOGY GOODS.....	2,525	1,853	3,003	3,986	4,619	7,733	4,828	4,137	5,469	4,559	2,078
CALC MACHINES, COMPUTERS											
(7142).....	364	386	403	342	71	252	-	-	73	10	-
STATISTICAL MACHINES(7143)...	-	-	1	34	6	42	2	3	26	34	4
MACHINE TOOLS FOR METAL											
(7151).....	383	244	976	814	2,390	4,460	3,421	1,708	1,521	2,402	84
TELECOMMUNICATIONS EQUIP											
(7249).....	557	319	159	177	194	215	93	42	142	48	202
TUBES, TRANSISTORS,											
PHOTOCELLS(7293).....	174	165	361	6	29	79	62	119	34	17	27
ELECTRICAL MACHINERY, N.E.S.											
(7299).....	523	306	455	1,692	1,046	870	723	1,100	1,574	674	639
AIRCRAFT HEAVIER THAN AIR											
(7341).....	-	-	-	-	-	-	-	-	-	-	0
OPTICAL ELEMENTS (8611).....	-	-	5	0	7	1	-	0	2	1	0
OPTICAL INSTRUMENTS (8613)...	-	-	-	-	51	1	11	3	2	-	0
MEASURING, CONTROL INSTR											
NES(8619).....	171	192	190	301	238	524	77	589	695	253	273

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

ALBANIA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	672	649	901	700	405	1,139	234	1,047	982	2,513	1,830
HIGH TECHNOLOGY GOODS.....	54	12	1	19	4	-	64	220	33	16	164
MACHINE TOOLS FOR METAL (7151).....	1	-	-	-	-	-	-	-	-	-	-
TELECOMMUNICATIONS EQUIP (7249).....	-	-	-	-	-	-	43	218	1	4	-
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	-	-	-	-	-	-	-	1	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	-	-	1	-	-	-	-	-	25	-	-
MEASURING, CONTROL INSTR NES(8619).....	-	1	-	-	1	-	21	-	-	-	101

- Data not available.

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EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

EXPORTS FOR (SWEDEN, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	30,787,531	1,197,103	420,236	776,867
HIGH TECHNOLOGY GOODS.....	2,686,664	103,878	53,177	50,701
NUCLEAR REACTORS (7117).....	75,599	-	-	-
CALC MACHINES, COMPUTERS (7142).....	45,365	412	53	359
STATISTICAL MACHINES(7143)...	418,134	1,933	136	1,797
MACHINE TOOLS FOR METAL (7151).....	180,840	11,541	7,474	4,067
TELECOMMUNICATIONS EQUIP (7249).....	992,163	5,108	956	4,152
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	31,414	263	7	256
ELEC AND PROTON ACCELERATORS (7297).....	3,201	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	242,089	51,108	34,404	16,704
AIRCRAFT HEAVIER THAN AIR (7341).....	5,603	0	-	0
WARSHIPS (7351).....	20,801	-	-	-
OPTICAL ELEMENTS (8611).....	4,648	52	25	27
OPTICAL INSTRUMENTS (8613)...	12,111	140	0	140
MEASURING, CONTROL INSTR NES(8619).....	161,125	11,154	6,909	4,245

- Data not available.

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EXPORTS OF HIGH TECHNOLOGY GOODS, 1980
(PERCENT DISTRIBUTION OF EXPORTS, BY COMMODITY)

EXPORTING COUNTRY:

EXPORTS FOR (SWEDEN, 1980)

	WORLD	USSR AND EUROPEAN CEMA	USSR	EUROPEAN CEMA
TOTAL TRADE.....	100.00	100.00	100.00	100.00
HIGH TECHNOLOGY GOODS.....	8.73	8.68	12.65	6.53
NUCLEAR REACTORS (7117).....	.25	-	-	-
CALC MACHINES, COMPUTERS (7142).....	.15	.03	.01	.05
STATISTICAL MACHINES(7143)...	1.36	.16	.03	.23
MACHINE TOOLS FOR METAL (7151).....	.59	.96	1.78	.52
TELECOMMUNICATIONS EQUIP (7249).....	3.22	.43	.23	.53
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	.10	.02	.00	.03
ELEC AND PROTON ACCELERATORS (7297).....	.01	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	.79	4.27	8.19	2.15
AIRCRAFT HEAVIER THAN AIR (7341).....	.02	.00	-	.00
WARSHIPS (7351).....	.07	-	-	-
OPTICAL ELEMENTS (8611).....	.02	.00	.01	.00
OPTICAL INSTRUMENTS (8613)...	.04	.01	.00	.02
MEASURING, CONTROL INSTR NES(8619).....	.52	.93	1.64	.55

- Data not available.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

SWEDEN, USSR

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	131,405	87,393	83,420	117,355	179,223	292,545	280,315	256,955	209,941	339,280	420,236
HIGH TECHNOLOGY GOODS.....	14,471	7,416	9,686	18,113	35,310	42,849	40,843	63,550	27,467	47,398	53,177
CALC MACHINES, COMPUTERS (7142).....	484	337	596	643	623	134	199	97	45	3	53
STATISTICAL MACHINES(7143)...	9	223	68	130	189	51	201	526	79	32	136
MACHINE TOOLS FOR METAL (7151).....	571	1,283	2,121	7,554	9,222	13,011	14,640	14,951	5,260	10,910	7,474
TELECOMMUNICATIONS EQUIP (7249).....	11,040	1,059	577	657	481	2,178	664	1,710	1,707	6,522	956
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	11	20	25	6	79	36	4	40	48	88	7
ELECTRICAL MACHINERY, N.E.S. (7299).....	494	193	2,178	4,396	7,201	15,607	11,630	34,544	10,202	18,445	34,404
AIRCRAFT HEAVIER THAN AIR (7341).....	-	0	-	-	-	-	-	-	-	-	-
OPTICAL ELEMENTS (8611).....	-	1	-	-	1	117	13	1	6	31	25
OPTICAL INSTRUMENTS (8613)...	0	12	0	0	0	165	4	240	0	1	0
MEASURING, CONTROL INSTR NES(8619).....	779	1,593	1,680	1,949	2,897	7,719	4,389	4,717	3,812	4,443	6,909

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

SWEDEN, EUROPEAN CEMA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	206,884	223,645	245,292	407,384	607,348	803,232	753,133	687,644	775,656	839,806	776,867
HIGH TECHNOLOGY GOODS.....	21,688	22,270	26,267	38,427	50,193	63,839	60,271	55,023	72,823	69,842	50,701
CALC MACHINES, COMPUTERS (7142).....	3,858	3,386	3,473	2,767	3,268	7,745	2,148	856	673	779	359
STATISTICAL MACHINES(7143).....	1,571	2,000	2,105	4,730	5,380	7,790	6,234	4,111	2,177	3,726	1,797
MACHINE TOOLS FOR METAL (7151).....	3,210	3,120	4,574	6,639	11,569	12,113	13,725	9,173	10,212	10,490	4,067
TELECOMMUNICATIONS EQUIP (7249).....	3,528	3,486	3,164	3,940	4,684	6,907	11,468	12,325	23,121	6,134	4,152
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	403	245	485	132	230	275	371	355	218	156	256
ELEC AND PROTON ACCELERATORS (7297).....	-	-	-	-	-	-	-	0	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	2,269	3,070	3,100	6,764	10,383	7,645	7,337	8,582	12,118	26,383	16,704
AIRCRAFT HEAVIER THAN AIR (7341).....	-	0	0	0	0	0	13	0	12	0	0
OPTICAL ELEMENTS (8611).....	5	0	6	6	9	12	65	26	16	17	27
OPTICAL INSTRUMENTS (8613).....	0	2	15	3	72	76	55	20	21	31	140
MEASURING, CONTROL INSTR NES(8619).....	1,327	1,670	2,350	2,388	2,478	4,133	2,829	3,249	4,400	3,430	4,245

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

SWEDEN, WORLD

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	6,780,759	7,463,966	8,748,747	12,171,216	15,909,463	17,434,127	18,440,263	19,054,353	21,768,102	27,537,845	30,787,531
HIGH TECHNOLOGY GOODS.....	566,344	673,713	753,899	952,463	1,196,688	1,480,353	1,531,897	1,572,255	1,885,762	2,416,248	2,686,664
NUCLEAR REACTORS (7117).....	734	80	1,666	1,301	181	122	8,673	16,017	85,962	117,100	75,599
CALC MACHINES, COMPUTERS (7142).....	110,573	105,695	71,042	76,799	79,576	76,170	57,445	50,183	46,536	51,133	45,365
STATISTICAL MACHINES (7143)...	9,147	6,890	68,677	82,800	115,499	123,696	144,466	175,866	236,940	312,815	418,134
MACHINE TOOLS FOR METAL (7151).....	43,227	52,891	56,441	74,355	93,299	113,465	115,853	123,471	138,765	175,505	180,840
TELECOMMUNICATIONS EQUIP (7249).....	197,350	239,610	302,296	387,780	477,364	653,016	667,869	606,333	750,156	915,484	992,163
TUBES, TRANSISTORS, PHOTOCELLS (7293).....	4,096	4,085	4,960	5,230	7,081	9,227	11,242	15,222	18,527	23,898	31,414
ELEC AND PROTON ACCELERATORS (7297).....	0	0	0	2	0	18	2,135	1,188	2,423	129	3,201
ELECTRICAL MACHINERY, N.E.S. (7299).....	41,923	40,445	49,325	65,731	88,182	122,176	117,467	152,786	145,950	211,201	242,089
AIRCRAFT HEAVIER THAN AIR (7341).....	19,539	54,347	18,413	16,896	28,976	3,393	20,273	26,634	5,243	6,233	5,603
WARSHIPS (7351).....	0	5,910	-	0	0	0	-	96	0	50,972	20,801
OPTICAL ELEMENTS (8611).....	237	223	274	462	959	1,602	1,777	1,446	2,128	3,083	4,648
OPTICAL INSTRUMENTS (8613)...	807	791	922	546	1,016	1,651	1,850	2,814	1,859	7,182	12,111
MEASURING, CONTROL INSTR NES (8619).....	28,814	34,558	38,880	51,490	62,480	84,669	91,569	91,606	98,626	124,058	161,125

See footnotes at end of table.

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EXPORTS OF HIGH TECHNOLOGY GOODS
TO COMMUNIST COUNTRIES, 1970-1980
(THOUSANDS OF U.S. DOLLARS)

EXPORTING COUNTRY:

SWEDEN, USSR AND EUROPEAN CEMA

	EXPORTS										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL TRADE.....	338,289	311,038	328,712	524,739	786,571	1,095,777	1,033,448	944,599	985,597	1,179,086	1,197,103
HIGH TECHNOLOGY GOODS.....	36,159	29,686	35,953	56,540	85,503	106,688	101,114	118,573	100,290	117,240	103,878
CALC MACHINES, COMPUTERS (7142).....	4,342	3,723	4,069	3,410	3,891	7,879	2,347	953	718	782	412
STATISTICAL MACHINES(7143).....	1,580	2,223	2,173	4,860	5,569	7,841	6,435	4,637	2,256	3,758	1,933
MACHINE TOOLS FOR METAL (7151).....	3,781	4,403	6,695	14,193	20,791	25,124	28,365	24,124	15,472	21,400	11,541
TELECOMMUNICATIONS EQUIP (7249).....	14,568	4,545	3,741	4,597	5,165	9,085	12,132	14,035	24,828	12,656	5,108
TUBES, TRANSISTORS, PHOTOCELLS(7293).....	414	265	510	138	309	311	375	395	266	244	263
ELEC AND PROTON ACCELERATORS (7297).....	-	-	-	-	-	-	-	0	-	-	-
ELECTRICAL MACHINERY, N.E.S. (7299).....	2,763	3,263	5,278	11,160	17,584	23,252	18,967	43,126	22,320	44,828	51,108
AIRCRAFT HEAVIER THAN AIR (7341).....	-	0	0	0	0	0	13	0	12	0	0
OPTICAL ELEMENTS (8611).....	5	1	6	6	10	129	78	27	22	48	52
OPTICAL INSTRUMENTS (8613).....	0	14	15	3	72	241	59	260	21	32	140
MEASURING, CONTROL INSTR NES(8619).....	2,106	3,263	4,030	4,337	5,375	11,852	7,218	7,966	8,212	7,873	11,154

See footnotes at end of table.

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